

# Converting Colors

XYZ(79.4348, 83.7401, 93.5537)

Have a look what the booklet for  
XYZ(79.4348, 83.7401, 93.5537)  
contains.

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# **Color**

**XYZ(79.5071, 83.7153,  
93.6296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAECEF
RGB	234, 236, 239
RGB Percent	92%, 93%, 94%
CMY	0.0823, 0.0745, 0.0627
CMYK	0.02, 0.01, 0.00, 0.06
HSL	216°, 14%, 93%
HSV	216°, 2%, 94%
XYZ	79.5071, 83.7153, 93.6296
YIQ	235.7440, -2.1550, 0.5090

# Conversions

## Conversions Part 2

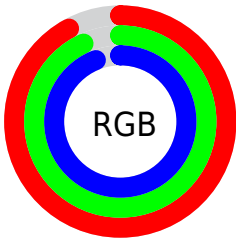
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 235, 239
Decimal	15396079
CIELab	93.33, -0.12, -1.69
CIELCh	93, 1.697, 265.878
Yxy	83.7153, 0.3095, 0.3259
Android (android.graphics.Color)	4293586159 (0xFFEAECEF)
YUV	235.7440, 1.6052, -1.5295
Hunter-Lab	91.4961, -5.0074, 3.3747

# Details

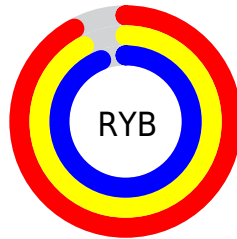
The XYZ color **79.5071, 83.7153, 93.6296** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.7322, 84.8587, 89.9674**, and the grayscale version is **79.5244, 83.6658, 91.1121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2286, 45.5264, 51.3088** is the 20% darker color. If you saturate the color by 10%, you get **68.2249, 72.0235, 91.9688**, and if you desaturate by 10%, it is **91.1075, 96.0667, 95.4035**.

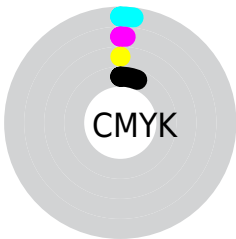
# Distribution



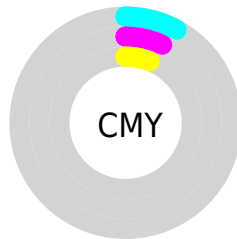
- Red (92%)
- Green (93%)
- Blue (94%)



- Red (92%)
- Yellow (92%)
- Blue (94%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5071, 83.7153, 93.6296 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.5071, 83.7153, 93.6296 by changing the saturation by 10% instead.



■ 79.5071, 83.7153,  
93.6296

■ 79.5071, 83.7153,  
93.6296

482.0320,  
507.3673, 560.6403

■ 59.6199, 62.7804,  
70.4043

131.6267,  
138.5769, 154.3492

■ 43.3606, 45.6636,  
51.3774

164.5898,  
173.2723, 192.6807

■ 30.3639, 31.9804,  
36.1302

202.6422,  
213.3234, 236.8846

■ 20.2644, 21.3466,  
24.2443

246.1494,  
259.1145, 287.3795

■ 12.6968, 13.3776,  
15.3011

295.4766,  
311.0301, 344.5840

■ 7.2956, 7.6890,  
8.8820

350.9892,

■ 3.6956, 3.8966,

369.4545, 408.9166

4.5685

413.0525,  
434.7721, 480.7959

■ 1.5314, 1.6159,  
1.9421

■ 0.3471, 0.3683,  
0.5193

■ 79.5071, 83.7153,  
93.6296

■ 79.5071, 83.7153,  
93.6296

■ 68.2249, 72.0235,  
91.9688

■ 91.1075, 96.0667,  
95.4035

■ 58.2797, 61.4980,  
90.4613

■ 92.5802, 99.0121,  
95.8944

■ 49.6209, 52.1032,  
89.1043

■ 42.1919, 43.7977,  
87.8927

■ 35.9319, 36.5370,  
86.8212

■ 30.7740, 30.2733,  
85.8840

■ 26.6443, 24.9544,  
85.0750

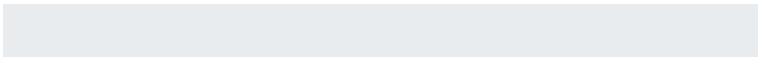
■ 23.4584, 20.5219,  
84.3874

■ 21.1163, 16.9085,  
83.8134

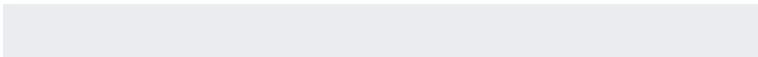
# Harmonies

## Analogous

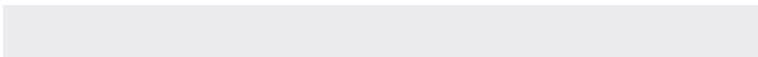
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0876, 83.7153, 93.2052



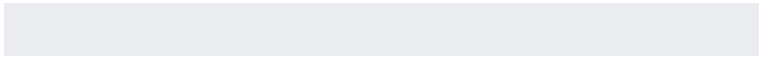
79.5071, 83.7153, 93.6296



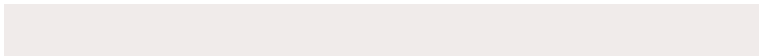
79.9447, 83.7153, 93.3850

# Triad

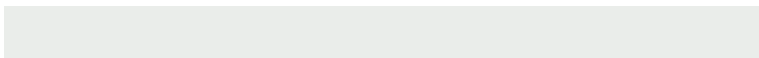
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5071, 83.7153, 93.6296



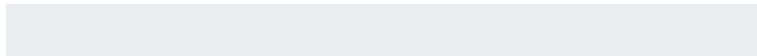
80.3449, 83.7153, 90.0813



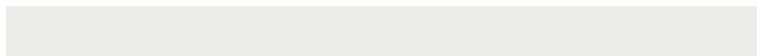
78.8593, 83.7153, 89.7775

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



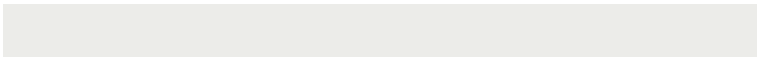
79.5071, 83.7153, 93.6296



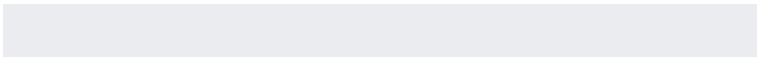
80.7322, 84.8587, 89.9674

# Split Complementary

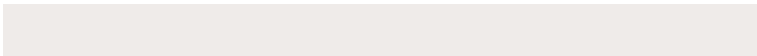
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1943, 83.7153, 88.9544



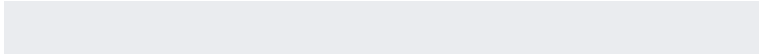
79.5071, 83.7153, 93.6296



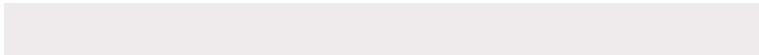
80.0521, 83.7153, 89.1286

# Square

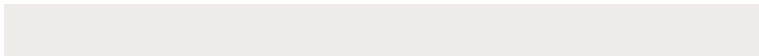
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



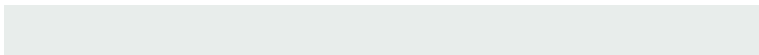
79.5071, 83.7153, 93.6296



80.4294, 83.7153, 91.3288



79.6307, 83.7153, 88.7180

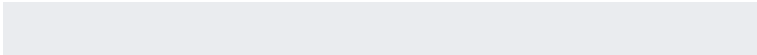


78.7145, 83.7153, 90.9749



# Rectangle

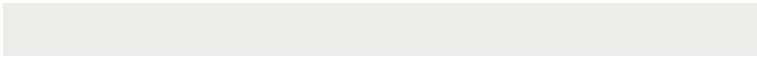
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



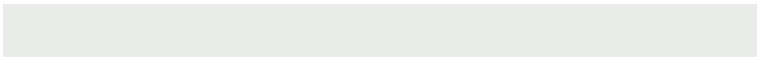
79.5071, 83.7153, 93.6296



80.1876, 83.7153, 92.8766



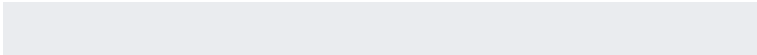
79.6307, 83.7153, 88.7180



78.9533, 83.7153, 89.4483

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.5095, 83.7189, 93.6314



93.6325, 98.5485, 108.6945



80.0733, 85.3363, 92.3094



20.0562, 21.1088, 23.2673



0.0000, 0.0000, 0.0000

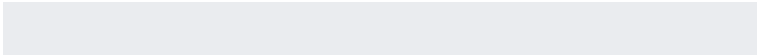


20.3446, 21.4041, 23.3091



# Same Dimension

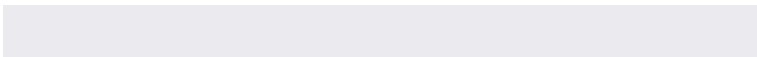
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5095, 83.7189, 93.6314



90.8463, 95.6879, 108.2892



79.0727, 82.6419, 93.4466



16.8173, 17.7184, 20.2552



11.0309, 8.2861, 46.1459



1.0125, 0.8790, 3.8705

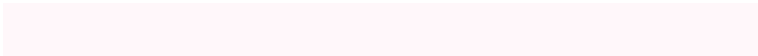


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.1616, 83.2540, 91.2058



91.9285, 94.9241, 104.2619



81.1752, 85.9532, 90.1553



17.0716, 17.5404, 19.3085



20.8935, 10.6298, 7.3558

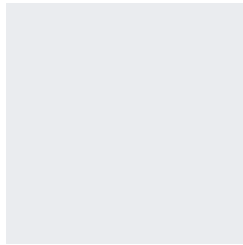


1.7860, 0.9034, 0.8640



# Previews

## White Background



This preview shows how the XYZ color 79.5071, 83.7153, 93.6296 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

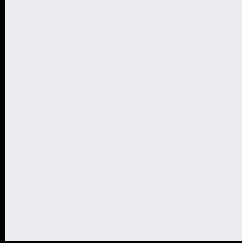
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.5071, 83.7153, 93.6296 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

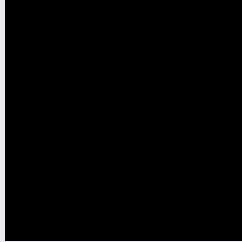
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

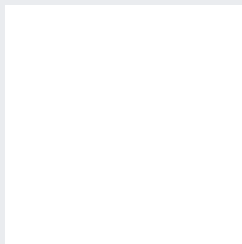
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.5071, 83.7153, 93.6296**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.5071, 83.7153, 93.6296.



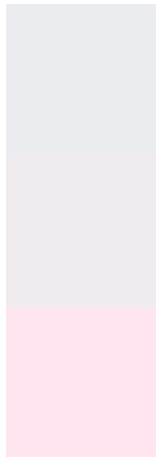
This preview shows how white text looks on a background with the XYZ color 79.5071, 83.7153,

93.6296.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

79.5071, 83.7153, 93.6296

### Protanopia

80.7376, 83.9404, 92.8357

### Deuteranopia

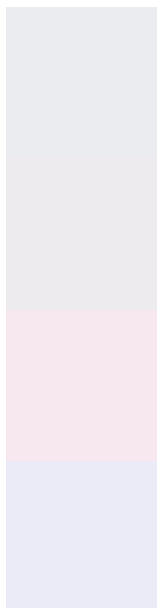
84.9875, 83.5899, 94.0932



## Tritanopia

81.5856, 83.7068, 103.9525

# Trichromacy



## Original Color

79.5071, 83.7153, 93.6296

## Protanomaly

80.0660, 83.5942, 92.8043

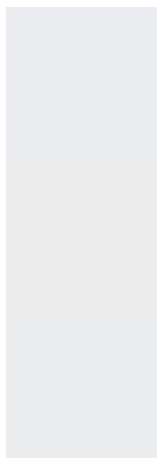
## Deuteranomaly

82.9426, 83.7787, 94.2374

## Tritanomaly

80.7578, 83.7942, 99.9132

# Monochromacy



## Original Color

79.5071, 83.7153, 93.6296

## Achromatopsia

79.7278, 83.8799, 91.3452

## Achromatomaly

79.5425, 83.7675, 92.0972

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.5071, 83.7153, 93.6296 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(234, 236, 239) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 236, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 79.5071, 83.7153, 93.6296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 236, 239) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 236, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 236, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 236, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 236, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 236,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.5071, 83.7153, 93.6296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 236, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
236, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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