

# Converting Colors

XYZ(79.2993, 80.9117, 91.6737)

Have a look what the booklet for  
XYZ(79.2993, 80.9117, 91.6737)  
contains.

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# Color

**XYZ(79.5181, 81.2333,  
91.6093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E6ED
RGB	240, 230, 237
RGB Percent	94%, 90%, 93%
CMY	0.0588, 0.0980, 0.0706
CMYK	0.00, 0.04, 0.01, 0.06
HSL	318°, 25%, 92%
HSV	318°, 4%, 94%
XYZ	79.5181, 81.2333, 91.6093
YIQ	233.7880, 3.7130, 4.2970

# Conversions

## Conversions Part 2

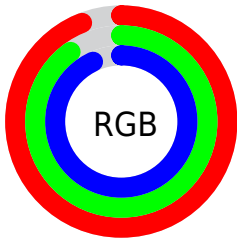
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 230, 237
Decimal	15787757
CIE Lab	92.24, 4.60, -2.20
CIE LCh	92, 5.101, 334.494
Yxy	81.2333, 0.3151, 0.3219
Android (android.graphics.Color)	4293977837 (0xFFFF0E6ED)
YUV	233.7880, 1.5835, 5.4479
Hunter-Lab	90.1295, -0.2424, 2.8272

# Details

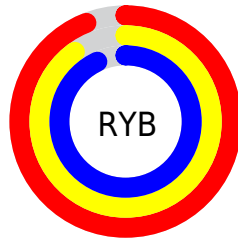
The XYZ color **79.5181, 81.2333, 91.6093** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.5043, 85.0286, 89.3696**, and the grayscale version is **78.0348, 82.0987, 89.4055**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4376, 44.1865, 49.9555** is the 20% darker color. If you saturate the color by 10%, you get **72.2630, 68.3726, 84.1031**, and if you desaturate by 10%, it is **87.7396, 95.9569, 99.6482**.

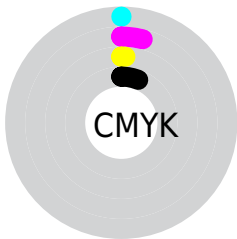
# Distribution



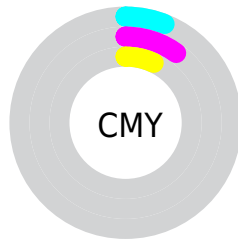
- Red (94%)
- Green (90%)
- Blue (93%)



- Red (94%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5181, 81.2333, 91.6093 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 79.5181, 81.2333, 91.6093 by changing the saturation by 10% instead.



79.5181, 81.2333,  
91.6093

79.5181, 81.2333,  
91.6093

482.0686,  
499.0795, 553.9567

59.6290, 60.7338,  
68.7349

131.6421,  
135.0983, 151.5268

43.3680, 44.0103,  
50.0255

164.6076,  
169.2326, 189.4070

30.3697, 30.6786,  
35.0623

202.6627,  
208.6805, 233.1262

20.2688, 20.3543,  
23.4269

246.1727,  
253.8265, 283.1030

12.7000, 12.6528,  
14.7008

295.5030,  
305.0551, 339.7559

7.2979, 7.1899,  
8.4654

351.0188,

3.6971, 3.5812,

362.7505, 403.5034

4.3021

413.0855,  
427.2971, 474.7642

■ 1.5322, 1.4421,  
1.7925

■ 0.3476, 0.2475,  
0.4230

■ 79.5181, 81.2333,  
91.6093

■ 79.5181, 81.2333,  
91.6093

■ 72.2630, 68.3726,  
84.1031

■ 87.7396, 95.9569,  
99.6482

■ 65.9295, 57.2895,  
77.1094

■ 89.1727, 97.0364,  
105.6343

■ 60.4797, 47.9075,  
70.6139

■ 89.7458, 97.2656,  
108.6518

■ 55.8700, 40.1405,  
64.5996

■ 52.0531, 33.8948,  
59.0484

■ 48.9771, 29.0671,  
53.9401

■ 46.5833, 25.5412,  
49.2527

■ 44.8038, 23.1820,  
44.9607

■ 43.5559, 21.8250,  
41.0339

# Harmonies

## Analogous

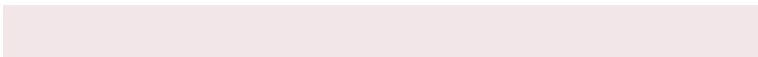
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6529, 81.2333, 94.5626



79.5181, 81.2333, 91.6093



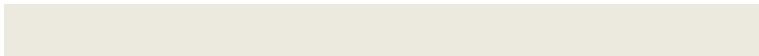
79.7621, 81.2333, 87.8822

# Triad

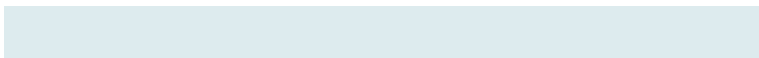
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5181, 81.2333, 91.6093



77.0116, 81.2333, 81.4140



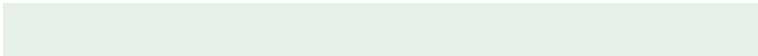
75.1413, 81.2333, 92.6205

# Complementary

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



79.5181, 81.2333, 91.6093



78.5043, 85.0286, 89.3696

# 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.



74.7125, 81.2333, 89.0187



79.5181, 81.2333, 91.6093



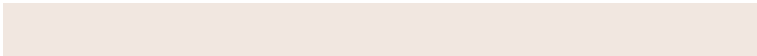
75.7845, 81.2333, 82.6052

# Square

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



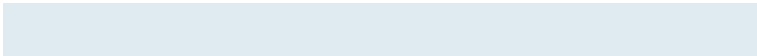
79.5181, 81.2333, 91.6093



78.3055, 81.2333, 82.0635



74.9466, 81.2333, 85.3627



76.1244, 81.2333, 95.1580

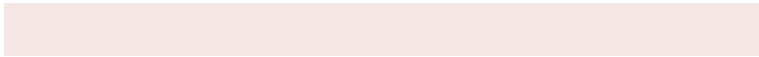


# Rectangle

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



79.5181, 81.2333, 91.6093



79.5374, 81.2333, 85.4762



74.9466, 81.2333, 85.3627



74.9281, 81.2333, 91.4904

# Sweetspot

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



79.5204, 81.2368, 91.6111



94.1189, 98.3346, 107.9830



77.6325, 80.2125, 93.8303



20.1551, 21.0652, 23.1225



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

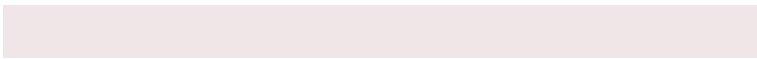
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5204, 81.2368, 91.6111



90.5065, 91.8892, 104.3763



78.8003, 80.9488, 87.8190



16.8438, 17.0173, 19.4406



23.6005, 11.7126, 21.6106



2.0071, 0.9919, 2.0280



# Inverse Universe

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



79.5204, 81.2368, 91.6111



90.5065, 91.8892, 104.3763



79.2285, 85.3183, 93.1831



16.8438, 17.0173, 19.4406



23.6005, 11.7126, 21.6106

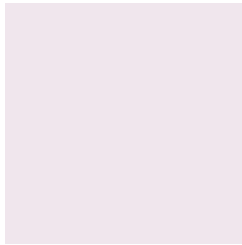


2.0071, 0.9919, 2.0280



# Previews

## White Background



This preview shows how the XYZ color 79.5181, 81.2333, 91.6093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

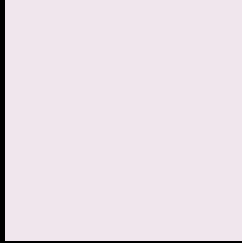
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.5181, 81.2333, 91.6093 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

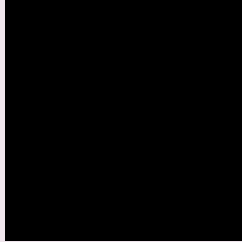
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

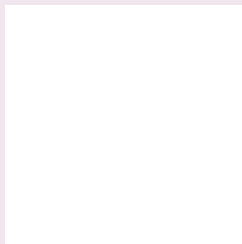
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 79.5181, 81.2333, 91.6093

## Background



This preview shows how black text looks on a background with the XYZ color 79.5181, 81.2333, 91.6093.



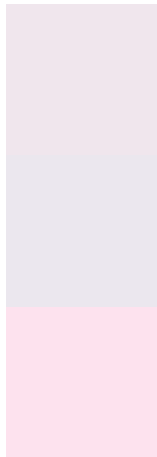
This preview shows how white text looks on a background with the XYZ color 79.5181, 81.2333,

91.6093.

# 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

79.5181, 81.2333, 91.6093

### Protanopia

78.2695, 80.9870, 92.3957

### Deuteranopia

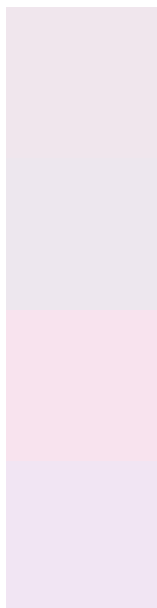
83.1370, 81.4484, 92.2282



## Tritanopia

81.0834, 81.4548, 99.4445

# Trichromacy



## Original Color

79.5181, 81.2333, 91.6093

## Protanomaly

78.9336, 81.3294, 92.4268

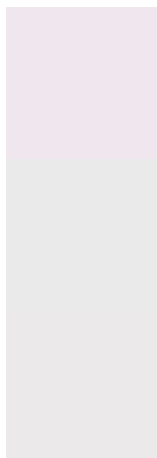
## Deuteranomaly

81.6131, 81.0677, 92.2351

## Tritanomaly

80.4726, 81.2105, 96.2278

# Monochromacy



## Original Color

79.5181, 81.2333, 91.6093

## Achromatopsia

78.2058, 82.2786, 89.6014

## Achromatomaly

78.7264, 82.1089, 90.2965

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.5181, 81.2333, 91.6093 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(240, 230, 237) looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 237)  
}
```

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(240, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 79.5181, 81.2333, 91.6093 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(240, 230, 237) }
```



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

```
.border{ border-color:rgb(240, 230, 237) }
```

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

Here you see how a box with a 4 pixel rgb(240, 230, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.5181, 81.2333, 91.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 237) }
```

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

```
.background{ background-color: rgb(240,  
230, 237) }
```

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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