

# Converting Colors

XYZ(73.3217, 79.6766, 93.1760)

Have a look what the booklet for  
XYZ(73.3217, 79.6766, 93.1760)  
contains.

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# Color

**XYZ(73.3217, 79.6766,  
93.1760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8EAEF
RGB	216, 234, 239
RGB Percent	85%, 92%, 94%
CMY	0.1529, 0.0823, 0.0627
CMYK	0.10, 0.02, 0.00, 0.06
HSL	193°, 42%, 89%
HSV	193°, 10%, 94%
XYZ	73.3217, 79.6766, 93.1760
YIQ	229.1880, -12.3330, -2.2610

# Conversions

## Conversions Part 2

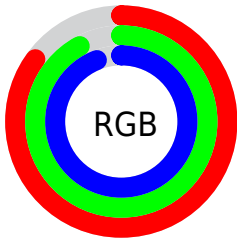
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	216, 226, 239
Decimal	14215919
CIE Lab	91.54, -4.97, -4.47
CIE LCh	92, 6.680, 221.962
Yxy	79.6766, 0.2978, 0.3237
Android (android.graphics.Color)	4292405999 (0xFFD8EAEF)
YUV	229.1880, 4.8373, -11.5659
Hunter-Lab	89.2617, -9.5840, 0.5933

# Details

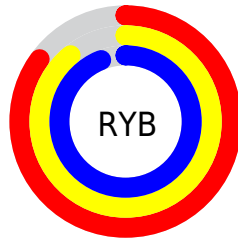
The XYZ color **73.3217, 79.6766, 93.1760** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8480, 75.0209, 75.5553**, and the grayscale version is **74.5885, 78.4729, 85.4570**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1656, 42.8368, 51.0038** is the 20% darker color. If you saturate the color by 10%, you get **65.3119, 73.3872, 92.3854**, and if you desaturate by 10%, it is **82.4064, 86.5888, 94.0326**.

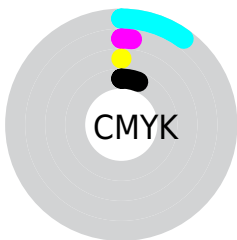
# Distribution



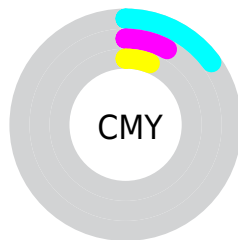
- Red (85%)
- Green (92%)
- Blue (94%)



- Red (85%)
- Yellow (89%)
- Blue (94%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (8%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3217, 79.6766, 93.1760 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 73.3217, 79.6766, 93.1760 by changing the saturation by 10% instead.



■ 73.3217, 79.6766,  
93.1760

■ 73.3217, 79.6766,  
93.1760

461.2156,  
493.8423, 559.1435

■ 54.5284, 59.4523,  
70.0293

122.9345,  
132.9110, 153.7161

■ 39.2566, 42.9773,  
51.0735

154.4846,  
166.6898, 191.9465

■ 27.1410, 29.8673,  
35.8900

191.0177,  
205.7555, 236.0420

■ 17.8163, 19.7379,  
24.0602

232.8992,  
250.4926, 286.4211

■ 10.9171, 12.2047,  
15.1657

280.4944,  
301.2854, 343.5022

■ 6.0780, 6.8832,  
8.7878

334.1686,

■ 2.9337, 3.3892,

358.5184, 407.7039

4.5081

394.2872,  
422.5759, 479.4448

■ 1.1188, 1.3381,  
1.9080

■ 0.0407, 0.1704,  
0.4978

■ 73.3217, 79.6766,  
93.1760

■ 73.3217, 79.6766,  
93.1760

■ 65.3119, 73.3872,  
92.3854

■ 82.4064, 86.5888,  
94.0326

■ 58.3256, 67.6871,  
91.6534

■ 89.2881, 92.4279,  
94.7970

■ 52.3175, 62.5544,  
90.9794

■ 90.8758, 95.6032,  
95.3262

■ 47.2358, 57.9620,  
90.3608

■ 92.5078, 98.8673,  
95.8702

■ 43.0240, 53.8802,  
89.7949

■ 92.5802, 99.0121,  
95.8943

■ 39.6191, 50.2758,  
89.2786

■ 36.9493, 47.1114,  
88.8086

■ 34.9292, 44.3422,  
88.3805

■ 33.4208, 41.8966,  
87.9880

# Harmonies

## Analogous

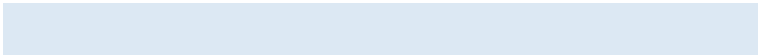
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5722, 79.6766, 88.7122



73.3217, 79.6766, 93.1760



74.7209, 79.6766, 95.9788

# Triad

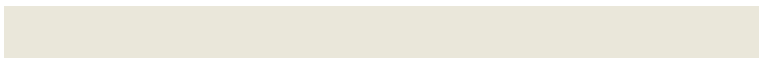
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3217, 79.6766, 93.1760



78.8862, 79.6766, 89.6902



75.0537, 79.6766, 77.9009

# Complementary

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



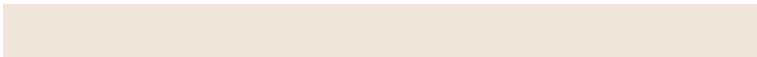
73.3217, 79.6766, 93.1760



73.8480, 75.0209, 75.5553

# Split Complementary

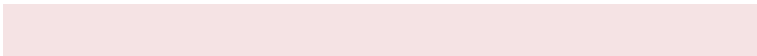
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7485, 79.6766, 78.1405



73.3217, 79.6766, 93.1760



78.9785, 79.6766, 84.8253

# Square

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



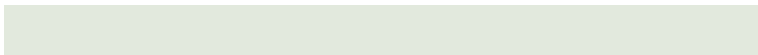
73.3217, 79.6766, 93.1760



77.9405, 79.6766, 93.9150



78.1909, 79.6766, 80.6346



73.5621, 79.6766, 79.9671



# Rectangle

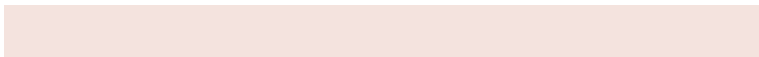
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



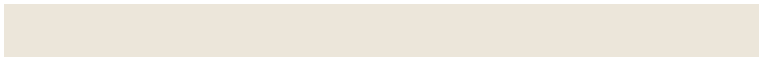
73.3217, 79.6766, 93.1760



75.8424, 79.6766, 96.4667



78.1909, 79.6766, 80.6346



75.6182, 79.6766, 77.7166

# Sweetspot

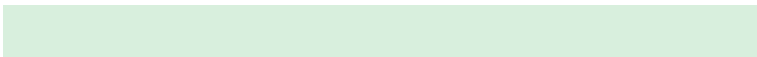
The Sweet Spot groups the original color and five complimentary colors.



73.3240, 79.6799, 93.1778



91.7635, 97.5221, 108.5949



72.2356, 81.5528, 80.3303



19.4573, 20.7344, 23.2266



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

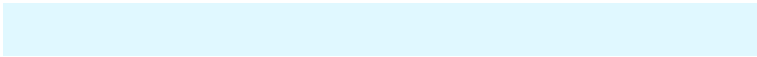


# Same Dimension

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



73.3240, 79.6799, 93.1778



82.5905, 90.4831, 107.7197



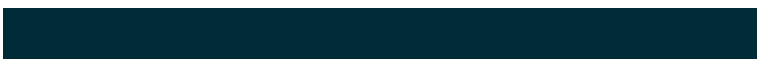
70.1589, 73.3497, 92.1227



15.9390, 17.3122, 20.2231



18.5401, 23.3045, 48.6489



1.6137, 2.0814, 4.0709



# Inverse Universe

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



75.0055, 73.4045, 88.0611



85.0013, 81.5858, 100.3616



76.9854, 81.2956, 76.6011



16.2987, 15.9692, 19.1290



24.6838, 12.1460, 27.3153

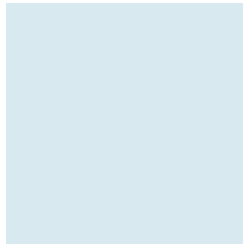


2.0895, 1.0248, 2.4620



# Previews

## White Background



This preview shows how the XYZ color 73.3217, 79.6766, 93.1760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

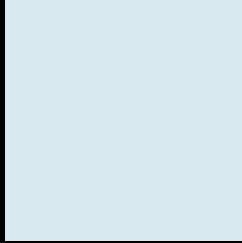
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.3217, 79.6766, 93.1760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

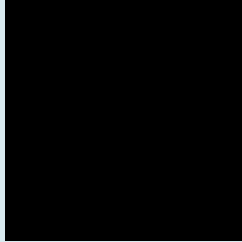
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

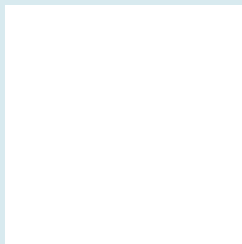
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 73.3217, 79.6766, 93.1760

## Background



This preview shows how black text looks on a background with the XYZ color 73.3217, 79.6766, 93.1760.



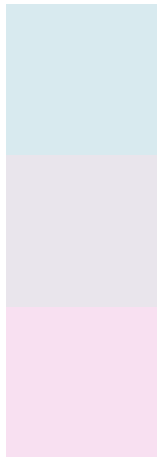
This preview shows how white text looks on a background with the XYZ color 73.3217, 79.6766,

93.1760.

# 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

73.3217, 79.6766, 93.1760

### Protanopia

76.7639, 79.4184, 90.6403

### Deuteranopia

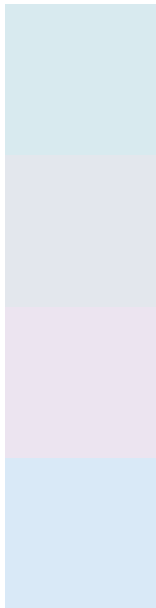
81.2442, 79.6186, 94.3050



## Tritanopia

75.1826, 79.5837, 102.6654

# Trichromacy



## Original Color

73.3217, 79.6766, 93.1760

## Protanomaly

75.5405, 79.5971, 91.5031

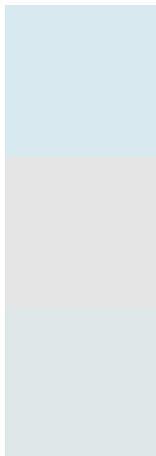
## Deuteranomaly

78.0637, 79.6109, 93.6901

## Tritanomaly

74.5427, 79.7449, 99.4592

# Monochromacy



## Original Color

73.3217, 79.6766, 93.1760

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

74.0244, 78.8823, 88.4151

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.3217, 79.6766, 93.1760 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(216, 234, 239)` looks like.

```
.text, #text, p{  
    color:rgb(216, 234, 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(216, 234, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 234, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 73.3217, 79.6766, 93.1760 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(216, 234, 239) }
```



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

```
.border{ border-color:rgb(216, 234, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 234, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 234, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 234, 239);  
box-shadow:4px 4px 4px 4px rgb(216, 234,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.3217, 79.6766, 93.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 234, 239) }
```

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

```
.background{ background-color: rgb(216,  
234, 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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