

Converting Colors

XYZ(66.4603, 71.9544, 79.4242)

Have a look what the booklet for
XYZ(66.4603, 71.9544, 79.4242)
contains.

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Color

**XYZ(66.4365, 71.8982,
79.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DFDE
RGB	211, 223, 222
RGB Percent	83%, 87%, 87%
CMY	0.1725, 0.1255, 0.1294
CMYK	0.05, 0.00, 0.00, 0.13
HSL	175°, 16%, 85%
HSV	175°, 5%, 87%
XYZ	66.4365, 71.8982, 79.4834
YIQ	219.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

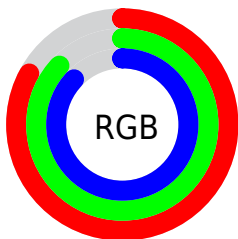
Format	Color
R _Y B	211, 217, 223
Decimal	13885406
CIE Lab	87.92, -4.19, -0.91
CIE LCh	88, 4.289, 192.245
Yxy	71.8982, 0.3050, 0.3301
Android (android.graphics.Color)	4292075486 (0xFFD3DFDE)
YUV	219.2980, 1.3321, -7.2773
Hunter-Lab	84.7928, -8.5298, 3.7775

Details

The XYZ color **66.4365, 71.8982, 79.4834** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6120, 67.0319, 71.7712**, and the grayscale version is **67.5350, 71.0521, 77.3757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6880, 37.8632, 42.0393** is the 20% darker color. If you saturate the color by 10%, you get **60.2377, 68.7333, 77.8974**, and if you desaturate by 10%, it is **73.5285, 75.5272, 81.1286**.

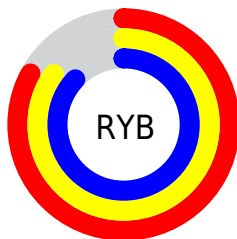
Distribution



Red (83%)

Green (87%)

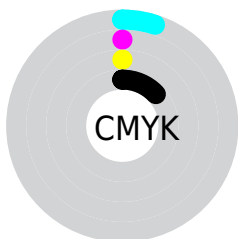
Blue (87%)



Red (83%)

Yellow (85%)

Blue (87%)

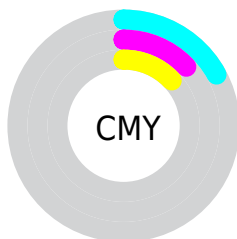


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4365, 71.8982, 79.4834 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 66.4365, 71.8982, 79.4834 by changing the saturation by 10% instead.

■ 66.4365, 71.8982,
79.4834

■ 66.4365, 71.8982,
79.4834

437.4004,
467.1872, 512.8509

■ 48.8958, 53.0755,
58.7697

113.1669,
121.9118, 134.4440

■ 34.7511, 37.8631,
42.0089

143.0873,
153.8715, 169.5280

■ 23.6368, 25.8764,
28.7827

177.8650,
190.9790, 210.2391

■ 15.1877, 16.7312,
18.6723

217.8653,
233.6187, 256.9959

■ 9.0384, 10.0430,
11.2593

263.4537,
282.1749, 310.2169

■ 4.8235, 5.4275,
6.1252

314.9954,

■ 2.1778, 2.5002,

337.0322, 370.3208

2.8513

372.8559,
398.5748, 437.7259

■ 0.7310, 0.8767,
1.0192

■ 0.0000, 0.0000,
0.0000

■ 66.4365, 71.8982,
79.4834

■ 66.4365, 71.8982,
79.4834

■ 60.2377, 68.7333,
77.8974

■ 73.5285, 75.5272,
81.1286

■ 54.8897, 66.0047,
76.3640

■ 81.3196, 79.5143,
82.8196

■ 50.3557, 63.6954,
74.8831

■ 81.5765, 79.6171,
84.1725

■ 46.5939, 61.7839,
73.4526

■ 81.8362, 79.7209,
85.5401

■ 43.5589, 60.2468,
72.0704

■ 82.0987, 79.8259,
86.9224

■ 41.2003, 59.0580,
70.7341

■ 82.3640, 79.9321,
88.3195

■ 39.4615, 58.1884,
69.4409

■ 82.6321, 80.0393,
89.7314

■ 38.2764, 57.6040,
68.1877

■ 82.9031, 80.1477,
91.1582

■ 37.5641, 57.2630,
66.9707

■ 83.1768, 80.2572,
92.5999

Harmonies

Analogous

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



66.4844, 71.8982, 76.5829



66.4365, 71.8982, 79.4834



66.8941, 71.8982, 82.1259

Triad

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



66.4365, 71.8982, 79.4834



69.6654, 71.8982, 82.5212



68.9375, 71.8982, 73.0516

Complementary

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



66.4365, 71.8982, 79.4834



65.6120, 67.0319, 71.7712

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.



69.8007, 71.8982, 74.5656



66.4365, 71.8982, 79.4834



70.2238, 71.8982, 80.0120

Square

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



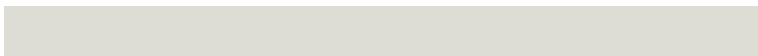
66.4365, 71.8982, 79.4834



68.7543, 71.8982, 83.9088



70.2736, 71.8982, 77.0985



67.9216, 71.8982, 72.9181

Rectangle

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



66.4365, 71.8982, 79.4834



67.4269, 71.8982, 83.3665



70.2736, 71.8982, 77.0985



69.2554, 71.8982, 73.4142

Sweetspot

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



66.4385, 71.9013, 79.4850



93.1299, 99.0181, 108.4522



65.3568, 71.5084, 71.9870



19.9537, 21.2042, 23.2180



0.0000, 0.0000, 0.0000



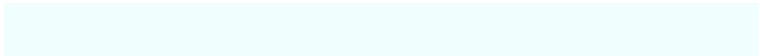
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4385, 71.9013, 79.4850



89.4381, 97.1307, 107.5659



65.3087, 69.4257, 79.7740



14.4647, 15.7560, 17.4751



21.9697, 33.6127, 39.1589



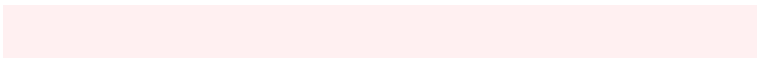
1.5376, 2.3358, 2.7922

Inverse Universe

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



65.6120, 67.0319, 71.7712



88.1859, 89.7533, 95.8790



66.6966, 69.4029, 71.5100



14.2427, 14.4483, 15.4034



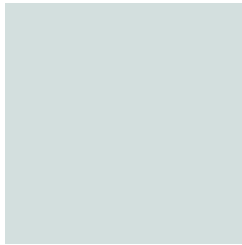
17.9774, 9.2579, 1.2807



1.2624, 0.6483, 0.1749

Previews

White Background



This preview shows how the XYZ color 66.4365, 71.8982, 79.4834 looks on a white background.

Color Contrast Check

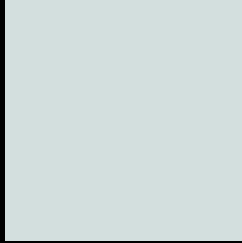
Large Text (above 18pt) WCAG AA × Fail

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 66.4365, 71.8982, 79.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

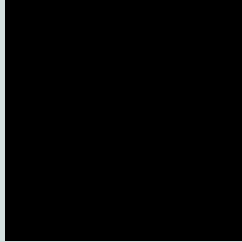
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

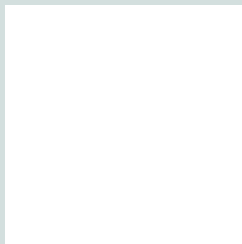
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4365, 71.8982, 79.4834

Background



This preview shows how black text looks on a background with the XYZ color 66.4365, 71.8982, 79.4834.



This preview shows how white text looks on a background with the XYZ color 66.4365, 71.8982,

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

66.4365, 71.8982, 79.4834

Protanopia

68.9903, 71.6776, 77.9091

Deuteranopia

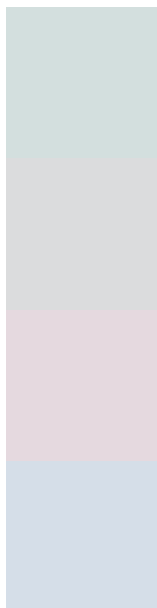
73.1840, 71.4956, 80.4638



Tritanopia

69.0206, 72.1821, 91.1837

Trichromacy



Original Color

66.4365, 71.8982, 79.4834

Protanomaly

67.8578, 71.4669, 78.6246

Deuteranomaly

70.4452, 71.6114, 79.9216

Tritanomaly

68.1273, 72.2149, 86.6921

Monochromacy



Original Color

66.4365, 71.8982, 79.4834

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8304, 70.9526, 77.8830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4365, 71.8982, 79.4834 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(211, 223, 222) looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 222)  
}
```

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(211, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.4365, 71.8982, 79.4834 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(211, 223, 222) }
```


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

```
.border{ border-color:rgb(211, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4365, 71.8982, 79.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 222) }
```

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

```
.background{ background-color: rgb(211,  
223, 222) }
```

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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