

Converting Colors

XYZ(66.4129, 75.9390, 81.6784)

Have a look what the booklet for
XYZ(66.4129, 75.9390, 81.6784)
contains.

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Color

**XYZ(66.4129, 75.9390,
81.6784)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E9E0
RGB	200, 233, 224
RGB Percent	78%, 91%, 88%
CMY	0.2157, 0.0863, 0.1216
CMYK	0.14, 0.00, 0.04, 0.09
HSL	164°, 43%, 85%
HSV	164°, 14%, 91%
XYZ	66.4129, 75.9390, 81.6784
YIQ	222.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

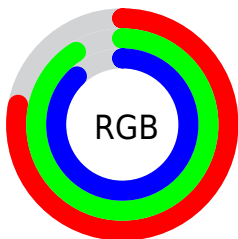
Format	Color
R _Y B	200, 219, 233
Decimal	13167072
CIE Lab	89.83, -12.48, 0.74
CIE LCh	90, 12.505, 176.593
Yxy	75.9390, 0.2964, 0.3390
Android (android.graphics.Color)	4291357152 (0xFFC8E9E0)
YUV	222.1070, 0.9332, -19.3878
Hunter-Lab	87.1430, -16.4629, 5.4281

Details

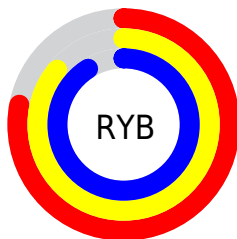
The XYZ color **66.4129, 75.9390, 81.6784** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.7699, 63.2377, 69.0647**, and the grayscale version is **69.5106, 73.1306, 79.6392**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7376, 40.4198, 43.5071** is the 20% darker color. If you saturate the color by 10%, you get **59.8124, 72.6361, 76.9543**, and if you desaturate by 10%, it is **73.9983, 79.7500, 86.6200**.

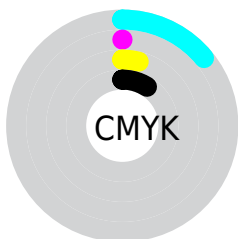
Distribution



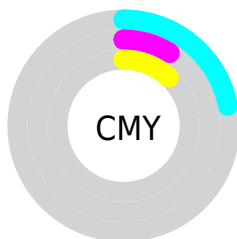
- Red (78%)
- Green (91%)
- Blue (88%)



- Red (78%)
- Yellow (86%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4129, 75.9390, 81.6784 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 66.4129, 75.9390, 81.6784 by changing the saturation by 10% instead.

66.4129, 75.9390,
81.6784

66.4129, 75.9390,
81.6784

437.3175,
481.1389, 520.4265

48.8766, 56.3825,
60.5662

113.1332,
127.6407, 137.5555

34.7357, 40.5097,
43.4469

143.0479,
160.5546, 173.1576

23.6249, 27.9362,
29.9019

177.8195,
198.6899, 214.4267

15.1789, 18.2775,
19.5127

217.8133,
242.4307, 261.7813

9.0321, 11.1494,
11.8608

263.3946,
292.1617, 315.6401

4.8194, 6.1674,
6.5276


314.9288,

2.1754, 2.9472,


348.2671, 376.4215


3.0945

372.7814,
411.1314, 444.5441


 0.7297, 1.1042,
1.1431


 0.0000, 0.0000,
0.0000


 66.4129, 75.9390,
81.6784


 66.4129, 75.9390,
81.6784


 59.8124, 72.6361,
76.9543


 73.9983, 79.7500,
86.6200


 54.1471, 69.8097,
72.4389

 82.6026, 84.0804,
91.7778

 49.3730, 67.4389,
68.1297

 86.5687, 86.0160,
96.8903

 45.4393, 65.4979,
64.0226

 87.5459, 86.4069,
102.0364

■ 42.2906, 63.9580,
60.1131

■ 88.4303, 86.7606,
106.6934

■ 39.8642, 62.7869,
56.3962

■ 38.0877, 61.9473,
52.8667

■ 36.8726, 61.3938,
49.5184

■ 36.3432, 61.1618,
47.6434

Harmonies

Analogous

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



67.3350, 75.9390, 73.6733



66.4129, 75.9390, 81.6784



66.9988, 75.9390, 90.5306

Triad

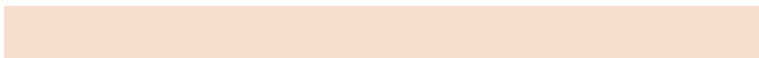
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4129, 75.9390, 81.6784



74.8677, 75.9390, 98.8372



75.4956, 75.9390, 69.2896

Complementary

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



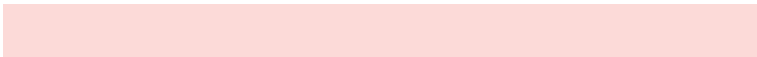
66.4129, 75.9390, 81.6784



65.7699, 63.2377, 69.0647

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.



77.6170, 75.9390, 75.3056



66.4129, 75.9390, 81.6784



77.2473, 75.9390, 92.4024

Square

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



66.4129, 75.9390, 81.6784



71.8255, 75.9390, 100.8424



78.2669, 75.9390, 83.6992



72.5311, 75.9390, 66.8489

Rectangle

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



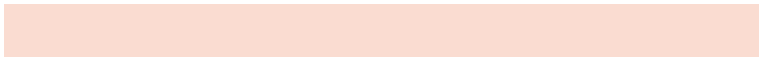
66.4129, 75.9390, 81.6784



68.1750, 75.9390, 95.6603



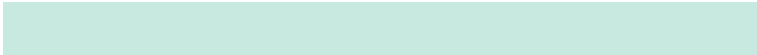
78.2669, 75.9390, 83.6992



76.3342, 75.9390, 70.9389

Sweetspot

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



66.4151, 75.9422, 81.6801



90.9516, 97.9386, 106.3866



65.9603, 76.0577, 65.8490



19.3073, 20.8824, 22.6710



0.0000, 0.0000, 0.0000



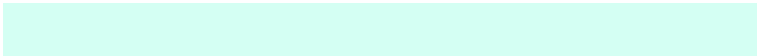
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4151, 75.9422, 81.6801



79.0146, 91.9467, 98.5149



65.6854, 72.4766, 87.6219



15.3321, 17.0477, 18.4319



20.6756, 34.7247, 27.3206



1.6636, 2.7427, 2.3561

Inverse Universe

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



65.7699, 63.2377, 69.0647



78.0796, 73.5256, 80.2255



66.3813, 66.1944, 63.9229



15.2343, 15.1216, 16.5190



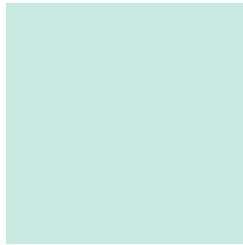
19.6304, 10.0549, 3.8553



1.5807, 0.8053, 0.5096

Previews

White Background



This preview shows how the XYZ color 66.4129, 75.9390, 81.6784 looks on a white background.

Color Contrast Check

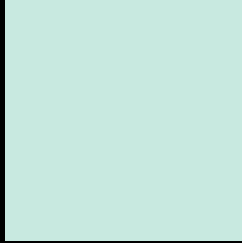
Large Text (above 18pt) WCAG AA × Fail

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 66.4129, 75.9390, 81.6784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

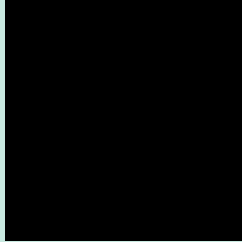
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

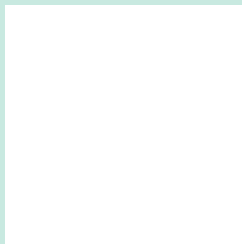
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4129, 75.9390, 81.6784

Background



This preview shows how black text looks on a background with the XYZ color 66.4129, 75.9390, 81.6784.



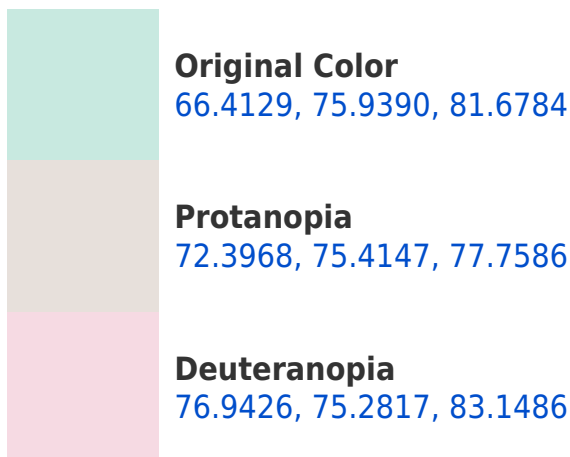
This preview shows how white text looks on a background with the XYZ color 66.4129, 75.9390,

81.6784.

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

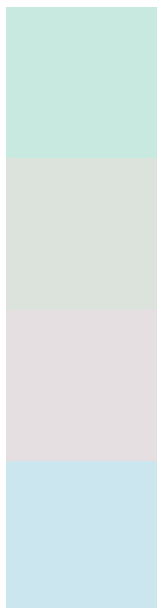




Tritanopia

69.8644, 75.6533, 99.7272

Trichromacy



Original Color

66.4129, 75.9390, 81.6784

Protanomaly

70.0354, 75.3743, 79.2640

Deuteranomaly

72.4282, 74.9244, 82.5960

Tritanomaly

68.5054, 75.5221, 92.6280

Monochromacy



Original Color

66.4129, 75.9390, 81.6784

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.2472, 74.0166, 80.5017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4129, 75.9390, 81.6784 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(200, 233, 224) looks like.

```
.text, #text, p{  
    color:rgb(200, 233, 224)  
}
```

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(200, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 233, 224) }
```

Border

The CSS property to change the border of an element to XYZ 66.4129, 75.9390, 81.6784 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(200, 233, 224) }
```


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

```
.border{ border-color:rgb(200, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(200, 233,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4129, 75.9390, 81.6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 233, 224) }
```

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

```
.background{ background-color: rgb(200,  
233, 224) }
```

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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