

Converting Colors

XYZ(66.2656, 75.1207, 86.4130)

Have a look what the booklet for
XYZ(66.2656, 75.1207, 86.4130)
contains.

XYZ(66.2884, 74.9271, 86.5699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.2884, 74.9271,
86.5699)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E7E7
RGB	198, 231, 231
RGB Percent	78%, 91%, 91%
CMY	0.2235, 0.0941, 0.0941
CMYK	0.14, 0.00, 0.00, 0.09
HSL	180°, 41%, 84%
HSV	180°, 14%, 91%
XYZ	66.2884, 74.9271, 86.5699
YIQ	221.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

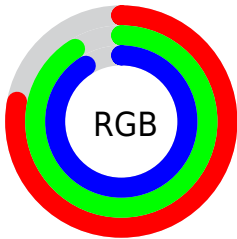
Format	Color
RYB	198, 215, 231
Decimal	13035495
CIELab	89.36, -10.73, -3.63
CIElCh	89, 11.323, 198.691
Yxy	74.9271, 0.2910, 0.3289
Android (android.graphics.Color)	4291225575 (0xFFC6E7E7)
YUV	221.1330, 4.8644, -20.2876
Hunter-Lab	86.5604, -14.7846, 1.2958

Details

The XYZ color **66.2884, 74.9271, 86.5699** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.3448, 61.4563, 61.9530**, and the grayscale version is **68.7992, 72.3821, 78.8241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5694, 39.6844, 46.3953** is the 20% darker color. If you saturate the color by 10%, you get **60.6581, 72.0266, 86.3063**, and if you desaturate by 10%, it is **72.8517, 78.3125, 86.8803**.

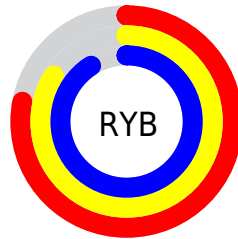
Distribution



Red (78%)

Green (91%)

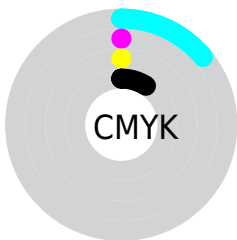
Blue (91%)



Red (78%)

Yellow (84%)

Blue (91%)

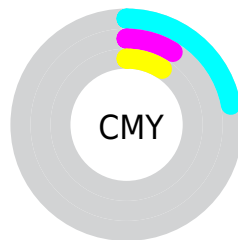


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2884, 74.9271, 86.5699 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 66.2884, 74.9271, 86.5699 by changing the saturation by 10% instead.

66.2884, 74.9271,
86.5699

66.2884, 74.9271,
86.5699

436.8800,
477.6670, 537.0880

48.7751, 55.5532,
64.5817

112.9556,
126.2092, 144.4581

34.6549, 39.8448,
46.6728

142.8402,
158.8861, 181.1952

23.5625, 27.4175,
32.4246

177.5794,
196.7661, 223.6857

15.1323, 17.8871,
21.4185

217.5384,
240.2337, 272.3481

8.9992, 10.8689,
13.2360

263.0826,
289.6732, 327.6010

4.7978, 5.9788,
7.4587

314.5773,

2.1626, 2.8322,

345.4689, 389.8629

3.6678

372.3880,
408.0054, 459.5524

0.7229, 1.0448,
1.4449

0.0000, 0.0000,
0.1764

66.2884, 74.9271,
86.5699

66.2884, 74.9271,
86.5699

60.6581, 72.0266,
86.3063

72.8517, 78.3125,
86.8803

55.9124, 69.5801,
86.0825

80.3807, 82.1939,
87.2344

52.0082, 67.5675,
85.8981

84.2423, 84.1845,
87.4168

48.8965, 65.9634,
85.7508

84.2426, 84.1847,
87.4185

46.5230, 64.7398,
85.6380

84.2429, 84.1848,
87.4202

44.8268, 63.8654,
85.5570

84.2432, 84.1849,
87.4219

43.7371, 63.3037,
85.5043

84.2436, 84.1851,
87.4236

43.1676, 63.0102,
85.4760

84.2439, 84.1852,
87.4253

42.9985, 62.9231,
85.4671

84.2442, 84.1853,
87.4270

Harmonies

Analogous

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



66.1193, 74.9271, 78.6277



66.2884, 74.9271, 86.5699



67.7572, 74.9271, 93.5869

Triad

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



66.2884, 74.9271, 86.5699



75.2926, 74.9271, 92.0733



72.2657, 74.9271, 67.5195

Complementary

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



66.2884, 74.9271, 86.5699



63.3448, 61.4563, 61.9530

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.



74.7904, 74.9271, 70.6519



66.2884, 74.9271, 86.5699



76.5680, 74.9271, 84.6112

Square

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



66.2884, 74.9271, 86.5699



72.9366, 74.9271, 96.9037



76.3819, 74.9271, 76.7911



69.5226, 74.9271, 67.9685

Rectangle

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



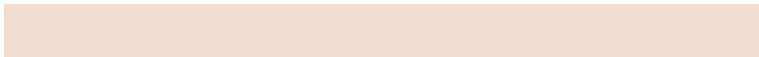
66.2884, 74.9271, 86.5699



69.2977, 74.9271, 96.6365



76.3819, 74.9271, 76.7911



73.1693, 74.9271, 68.1799

Sweetspot

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



66.2906, 74.9302, 86.5716



91.3963, 98.1165, 108.7282



62.2051, 73.3128, 64.2996



19.4202, 20.9276, 23.2656



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.



66.2906, 74.9302, 86.5716



80.8599, 92.6848, 108.2323



62.0278, 66.4040, 85.1529



14.8075, 16.3364, 18.5168



24.1045, 35.2739, 47.9120



1.7813, 2.6066, 3.5406

Inverse Universe

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



63.3448, 61.4563, 61.9530



76.5362, 72.9082, 72.0977



67.1846, 69.1366, 63.2310



14.3771, 14.3680, 14.9203



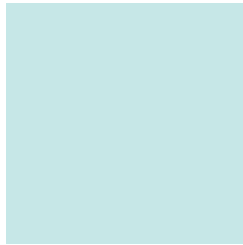
18.4751, 9.5243, 0.8651



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 66.2884, 74.9271, 86.5699 looks on a white background.

Color Contrast Check

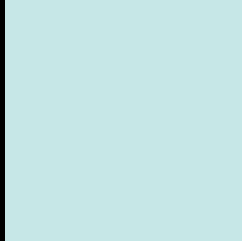
Large Text (above 18pt) WCAG AA × Fail

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 66.2884, 74.9271, 86.5699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

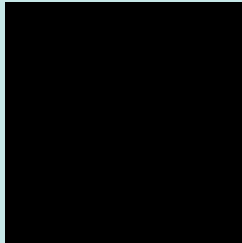
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2884, 74.9271, 86.5699

Background



This preview shows how black text looks on a background with the XYZ color 66.2884, 74.9271, 86.5699.

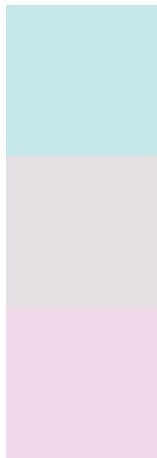


This preview shows how white text looks on a background with the XYZ color 66.2884, 74.9271, 86.5699.

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

66.2884, 74.9271, 86.5699

Protanopia

71.7937, 74.5972, 82.5663

Deuteranopia

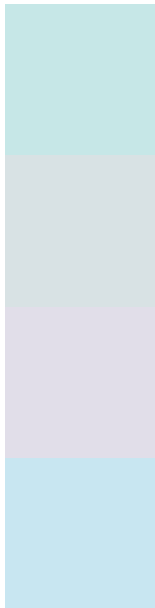
75.9398, 74.2670, 88.1744



Tritanopia

68.8952, 75.1715, 98.8741

Trichromacy



Original Color

66.2884, 74.9271, 86.5699

Protanomaly

69.5188, 74.5931, 84.1327

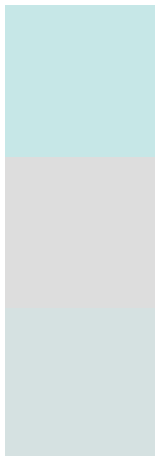
Deuteranomaly

71.8806, 74.1333, 87.6114

Tritanomaly

67.9934, 75.2239, 94.1551

Monochromacy



Original Color

66.2884, 74.9271, 86.5699

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9564, 73.4328, 81.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2884, 74.9271, 86.5699 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(198, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 231)  
}
```

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(198, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 231) }
```

Border

The CSS property to change the border of an element to XYZ 66.2884, 74.9271, 86.5699 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(198, 231, 231) }
```


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

```
.border{ border-color:rgb(198, 231, 231) }
```

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

Here you see how a box with a 4 pixel rgb(198, 231, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2884, 74.9271, 86.5699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 231) }
```

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

```
.background{ background-color: rgb(198,  
231, 231) }
```

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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