

Converting Colors

XYZ(66.6713, 76.7719, 88.4310)

Have a look what the booklet for
XYZ(66.6713, 76.7719, 88.4310)
contains.

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Color

**XYZ(66.6644, 76.7692,
88.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EBE9
RGB	194, 235, 233
RGB Percent	76%, 92%, 91%
CMY	0.2392, 0.0784, 0.0863
CMYK	0.17, 0.00, 0.01, 0.08
HSL	177°, 51%, 84%
HSV	177°, 17%, 92%
XYZ	66.6644, 76.7692, 88.3951
YIQ	222.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

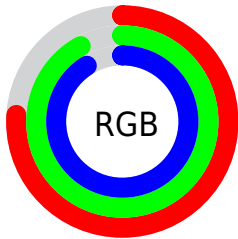
Format	Color
RYB	194, 215, 235
Decimal	12774377
CIELab	90.22, -13.58, -3.44
CIElCh	90, 14.010, 194.234
Yxy	76.7692, 0.2876, 0.3311
Android (android.graphics.Color)	4290964457 (0xFFC2EBE9)
YUV	222.5130, 5.1701, -25.0059
Hunter-Lab	87.6180, -17.5194, 1.5168

Details

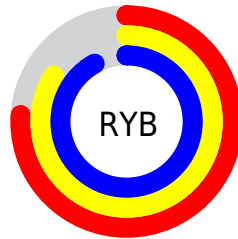
The XYZ color **66.6644, 76.7692, 88.3951** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.5192, 60.2333, 60.5061**, and the grayscale version is **69.7723, 73.4059, 79.9390**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.8711, 40.9900, 47.6689** is the 20% darker color. If you saturate the color by 10%, you get **60.9406, 73.8394, 87.2753**, and if you desaturate by 10%, it is **73.3475, 80.1975, 89.5686**.

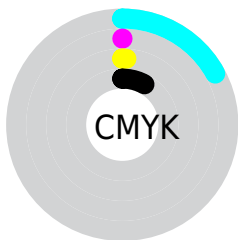
Distribution



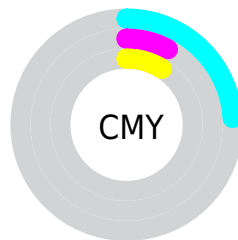
- Red (76%)
- Green (92%)
- Blue (91%)



- Red (76%)
- Yellow (84%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6644, 76.7692, 88.3951 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 66.6644, 76.7692, 88.3951 by changing the saturation by 10% instead.

66.6644, 76.7692,
88.3951

66.6644, 76.7692,
88.3951

438.2005,
483.9768, 543.2310

49.0816, 57.0635,
66.0841

113.4919,
128.8136, 147.0231

34.8990, 41.0562,
47.8838

143.4673,
161.9211, 184.1771

23.7513, 28.3630,
33.3755

178.3042,
200.2647, 227.1160

15.2730, 18.5995,
22.1408

218.3682,
244.2286, 276.2582

9.0987, 11.3812,
13.7611

264.0244,
294.1974, 332.0223

4.8633, 6.3239,
7.8178

315.6383,

2.2012, 3.0430,

350.5554, 394.8267

3.8925

373.5753,
413.6871, 465.0901

0.7434, 1.1542,
1.5666

0.0000, 0.0238,
0.2668

66.6644, 76.7692,
88.3951

66.6644, 76.7692,
88.3951

60.9406, 73.8394,
87.2753

73.3475, 80.1975,
89.5686

56.1247, 71.3755,
86.2019


81.0249, 84.1362,
90.7926


52.1707, 69.3558,
85.1745


86.1550, 86.7616,
91.9030

49.0257, 67.7530,
84.1904


86.3228, 86.8287,
92.7867


 46.6312, 66.5370,
83.2470


 86.4917, 86.8963,
93.6761


 44.9208, 65.6735,
82.3411


 86.6617, 86.9643,
94.5712


 43.8164, 65.1223,
81.4691

 86.8327, 87.0327,
95.4720

 43.2144, 64.8300,
80.6261

 87.0049, 87.1015,
96.3785

 43.0997, 64.7754,
80.4136

 87.1781, 87.1708,
97.2907

Harmonies

Analogous

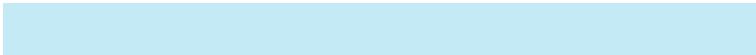
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7081, 76.7692, 78.4835



66.6644, 76.7692, 88.3951



68.2716, 76.7692, 97.6987

Triad

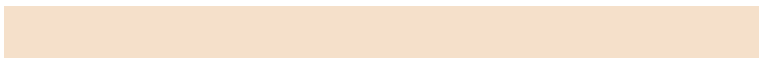
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6644, 76.7692, 88.3951



77.7403, 76.7692, 98.1017



74.8021, 76.7692, 66.4516

Complementary

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



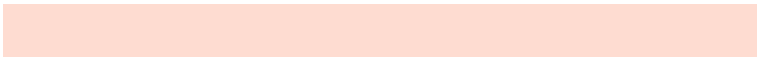
66.6644, 76.7692, 88.3951



63.5192, 60.2333, 60.5061

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.



77.8725, 76.7692, 70.9070



66.6644, 76.7692, 88.3951



79.6053, 76.7692, 88.9104

Square

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



66.6644, 76.7692, 88.3951



74.6264, 76.7692, 103.5975



79.6544, 76.7692, 78.9596



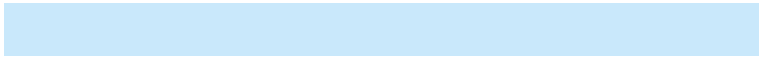
71.3321, 76.7692, 66.3377

Rectangle

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



66.6644, 76.7692, 88.3951



70.0934, 76.7692, 102.0837



79.6544, 76.7692, 78.9596



75.9177, 76.7692, 67.4743

Sweetspot

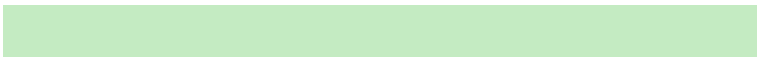
The Sweet Spot groups the original color and five complimentary colors.



66.6666, 76.7724, 88.3968



90.4137, 97.6215, 108.1603



62.2261, 75.0574, 62.2480



19.2181, 20.8262, 23.1288



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.



66.6666, 76.7724, 88.3968



77.6001, 91.0526, 105.8995



61.9427, 66.8640, 88.2423



15.4840, 17.1084, 19.2317



24.0001, 36.0545, 44.8269



1.8944, 2.8351, 3.5717

Inverse Universe

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



63.5192, 60.2333, 60.5061



73.1388, 67.6062, 66.3630



67.6574, 68.8721, 60.7679



15.0953, 15.0660, 15.7871



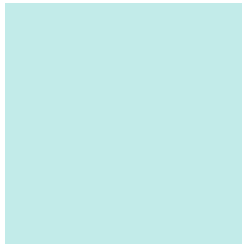
19.1162, 9.8492, 1.1476



1.5116, 0.7776, 0.1456

Previews

White Background



This preview shows how the XYZ color 66.6644, 76.7692, 88.3951 looks on a white background.

Color Contrast Check

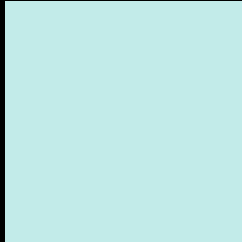
Large Text (above 18pt) WCAG AA × Fail

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 66.6644, 76.7692, 88.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

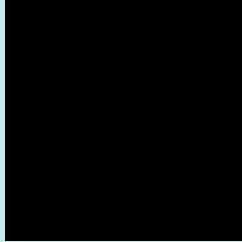
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

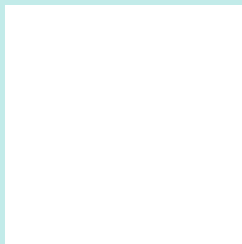
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6644, 76.7692, 88.3951

Background



This preview shows how black text looks on a background with the XYZ color 66.6644, 76.7692, 88.3951.

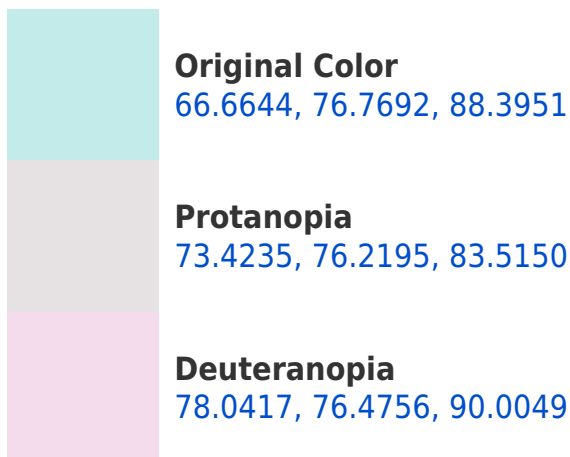


This preview shows how white text looks on a background with the XYZ color 66.6644, 76.7692,

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

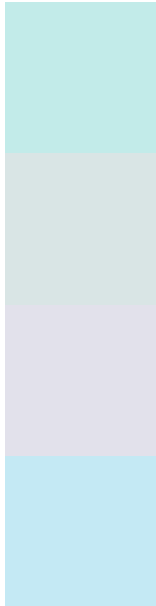




Tritanopia

69.2952, 76.5486, 102.3899

Trichromacy



Original Color

66.6644, 76.7692, 88.3951

Protanomaly

70.7774, 76.4475, 85.1542

Deuteranomaly

73.2846, 76.0173, 89.4076

Tritanomaly

68.2330, 76.5452, 96.7664

Monochromacy



Original Color

66.6644, 76.7692, 88.3951

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.4856, 74.4813, 83.4398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6644, 76.7692, 88.3951 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(194, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 233)  
}
```

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(194, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 233) }
```

Border

The CSS property to change the border of an element to XYZ 66.6644, 76.7692, 88.3951 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(194, 235, 233) }
```


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

```
.border{ border-color:rgb(194, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6644, 76.7692, 88.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 233) }
```

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

```
.background{ background-color: rgb(194,  
235, 233) }
```

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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