

Converting Colors

XYZ(50.8809, 60.4126, 66.4427)

Have a look what the booklet for
XYZ(50.8809, 60.4126, 66.4427)
contains.

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Color

**XYZ(50.7500, 60.2118,
66.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D5CD
RGB	167, 213, 205
RGB Percent	65%, 84%, 80%
CMY	0.3451, 0.1647, 0.1961
CMYK	0.22, 0.00, 0.04, 0.16
HSL	170°, 35%, 75%
HSV	170°, 22%, 84%
XYZ	50.7500, 60.2118, 66.7048
YIQ	198.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

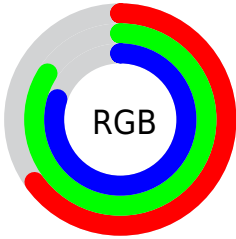
Format	Color
RYB	167, 192, 213
Decimal	10999245
CIELab	81.95, -16.58, -0.98
CIELCh	82, 16.605, 183.373
Yxy	60.2118, 0.2856, 0.3389
Android (android.graphics.Color)	4289189325 (0xFFA7D5CD)
YUV	198.3340, 3.2863, -27.4799
Hunter-Lab	77.5963, -19.0498, 3.3494

Details

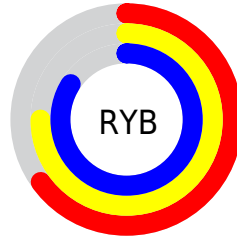
The XYZ color **50.7500, 60.2118, 66.7048** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9992, 44.8802, 46.6401**, and the grayscale version is **53.8725, 56.6781, 61.7224**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.7522, 30.2655, 33.8154** is the 20% darker color. If you saturate the color by 10%, you get **46.1739, 57.9054, 64.1842**, and if you desaturate by 10%, it is **56.0813, 62.9095, 69.3186**.

Distribution



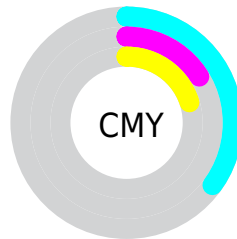
- Red (65%)
- Green (84%)
- Blue (80%)



- Red (65%)
- Yellow (75%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7500, 60.2118, 66.7048 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 50.7500, 60.2118, 66.7048 by changing the saturation by 10% instead.

■ 50.7500, 60.2118,
66.7048

■ 50.7500, 60.2118,
66.7048

379.9954,
425.3780, 467.3661

■ 36.2299, 43.5894,
48.3847

■ 90.4703, 105.1368,
116.1339

■ 24.7828, 30.3478,
33.7695

■ 116.4013,
134.2083, 148.0800

■ 16.0431, 20.1027,
22.4406

146.8665,
168.1981, 185.4052

■ 9.6457, 12.4698,
13.9796

182.2315,
207.4908, 228.5280

■ 5.2252, 7.0644,
7.9679

222.8615,
252.4708, 277.8670

■ 2.4161, 3.5024,
3.9869

269.1219,

■ 0.8531, 1.3993,

303.5224, 333.8406

1.6182

321.3781,
361.0300, 396.8675

■ 0.0000, 0.2162,
0.3037

■ 0.0000, 0.0000,
0.0000

■ 50.7500, 60.2118,
66.7048

■ 50.7500, 60.2118,
66.7048

■ 46.1739, 57.9054,
64.1842

■ 56.0813, 62.9095,
69.3186

■ 42.3114, 55.9641,
61.7507

■ 62.1965, 66.0085,
72.0234

■ 39.1251, 54.3701,
59.4034

■ 69.1291, 69.5275,
74.8226

■ 36.5715, 53.1012,
57.1399

■ 76.9090, 73.4822,
77.7178

■ 34.6025, 52.1324,
54.9575

■ 78.4262, 74.2071,
80.3768

■ 33.1627, 51.4352,
52.8533

■ 78.9330, 74.4098,
83.0456

■ 32.1859, 50.9756,
50.8238

■ 79.4508, 74.6169,
85.7723

■ 31.6268, 50.7233,
49.1713

■ 79.9797, 74.8285,
88.5575

■ 80.5197, 75.0445,
91.4014

Harmonies

Analogous

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



51.4030, 60.2118, 57.2697



50.7500, 60.2118, 66.7048



51.7737, 60.2118, 76.7839

Triad

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



50.7500, 60.2118, 66.7048



61.0249, 60.2118, 83.0723



60.3095, 60.2118, 49.7480

Complementary

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



50.7500, 60.2118, 66.7048



48.9992, 44.8802, 46.6401

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.



63.0557, 60.2118, 55.4876



50.7500, 60.2118, 66.7048



63.4805, 60.2118, 74.6150

Square

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



50.7500, 60.2118, 66.7048



57.6277, 60.2118, 86.8221



64.2383, 60.2118, 64.4292



56.8331, 60.2118, 48.0884

Rectangle

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



50.7500, 60.2118, 66.7048



53.2948, 60.2118, 82.3370



64.2383, 60.2118, 64.4292



61.3533, 60.2118, 51.2331

Sweetspot

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



50.7517, 60.2143, 66.7062



89.2178, 97.0425, 106.4056



48.5477, 59.5453, 45.4947



18.9662, 20.7052, 22.7177



0.0000, 0.0000, 0.0000



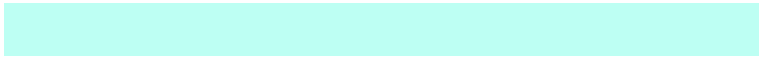
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7517, 60.2143, 66.7062



72.9201, 88.7997, 98.4602



48.2416, 53.6082, 70.7586



12.6951, 14.0691, 15.4750



19.3518, 30.9961, 30.2120



1.1922, 1.8795, 1.9537

Inverse Universe

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



48.9992, 44.8802, 46.6401



69.8258, 61.7073, 63.0176



51.0570, 50.2166, 43.5619



12.5106, 12.4557, 13.3629



16.9927, 8.7334, 1.9999



1.0523, 0.5377, 0.2649

Previews

White Background



This preview shows how the XYZ color 50.7500, 60.2118, 66.7048 looks on a white background.

Color Contrast Check

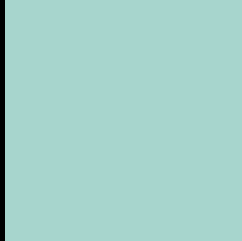
Large Text (above 18pt) WCAG AA × Fail

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 50.7500, 60.2118, 66.7048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

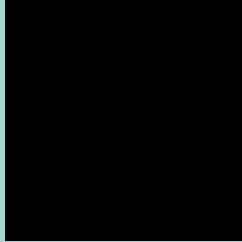
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7500, 60.2118, 66.7048

Background



This preview shows how black text looks on a background with the XYZ color 50.7500, 60.2118, 66.7048.



This preview shows how white text looks on a background with the XYZ color 50.7500, 60.2118,

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

50.7500, 60.2118, 66.7048

Protanopia

57.4418, 59.7745, 62.5430

Deuteranopia

60.8666, 59.7022, 67.9902



Tritanopia

53.7063, 60.2972, 81.4809

Trichromacy



Original Color

50.7500, 60.2118, 66.7048

Protanomaly

54.6062, 59.6971, 63.9030

Deuteranomaly

56.7058, 59.6344, 67.5534

Tritanomaly

52.6580, 60.2491, 75.8717

Monochromacy



Original Color

50.7500, 60.2118, 66.7048

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3921, 57.4937, 63.5944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7500, 60.2118, 66.7048 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(167, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(167, 213, 205)  
}
```

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(167, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 213, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.7500, 60.2118, 66.7048 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(167, 213, 205) }
```


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

```
.border{ border-color:rgb(167, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(167, 213,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7500, 60.2118, 66.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 213, 205) }
```

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

```
.background{ background-color: rgb(167,  
213, 205) }
```

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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