

Converting Colors

XYZ(54.3790, 60.3123, 65.8516)

Have a look what the booklet for
XYZ(54.3790, 60.3123, 65.8516)
contains.

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Color

**XYZ(54.4412, 60.2902,
65.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD0CC
RGB	189, 208, 204
RGB Percent	74%, 82%, 80%
CMY	0.2588, 0.1843, 0.2000
CMYK	0.09, 0.00, 0.02, 0.18
HSL	167°, 17%, 78%
HSV	167°, 9%, 82%
XYZ	54.4412, 60.2902, 65.8946
YIQ	201.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

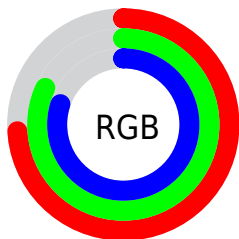
Format	Color
RYB	189, 200, 208
Decimal	12439756
CIELab	82.00, -7.15, -0.21
CIELCh	82, 7.158, 181.707
Yxy	60.2902, 0.3014, 0.3338
Android (android.graphics.Color)	4290629836 (0xFFBDD0CC)
YUV	201.8630, 1.0535, -11.2809
Hunter-Lab	77.6468, -10.7285, 4.0365

Details

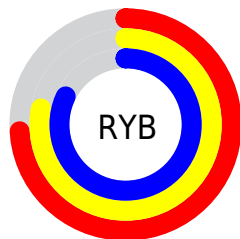
The XYZ color **54.4412, 60.2902, 65.8946** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8378, 53.6569, 57.9740**, and the grayscale version is **56.0531, 58.9723, 64.2208**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **27.2140, 30.5475, 33.3161** is the 20% darker color. If you saturate the color by 10%, you get **49.1292, 57.6133, 62.9420**, and if you desaturate by 10%, it is **60.5114, 63.3596, 68.9624**.

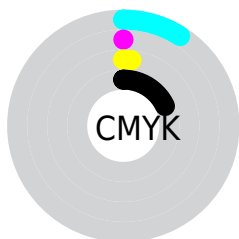
Distribution



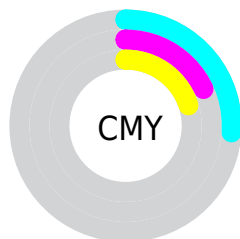
- Red (74%)
- Green (82%)
- Blue (80%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4412, 60.2902, 65.8946 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 54.4412, 60.2902, 65.8946 by changing the saturation by 10% instead.

■ 54.4412, 60.2902,
65.8946

■ 54.4412, 60.2902,
65.8946

393.9612,
425.6666, 464.3938

■ 39.1866, 43.6526,
47.7309

■ 95.8748, 105.2505,
114.9606

■ 27.0863, 30.3975,
33.2554

122.7846,
134.3420, 146.7000

■ 17.7750, 20.1405,
22.0494

154.3101,
168.3536, 183.8017

■ 10.8872, 12.4972,
13.6946

190.8167,
207.6697, 226.6842

■ 6.0578, 7.0832,
7.7722

232.6697,
252.6746, 275.7662

■ 2.9213, 3.5142,
3.8639

280.2346,

■ 1.1123, 1.4057,

303.7528, 331.4661

1.5510

333.8766,
361.2887, 394.2024

■ 0.0353, 0.2209,
0.2555

■ 0.0000, 0.0000,
0.0000

■ 54.4412, 60.2902,
65.8946

■ 54.4412, 60.2902,
65.8946

■ 49.1292, 57.6133,
62.9420

■ 60.5114, 63.3596,
68.9624

■ 44.5389, 55.3051,
60.0985

■ 67.3642, 66.8290,
72.1433

■ 40.6381, 53.3507,
57.3632

■ 75.0295, 70.7156,
75.4407

■ 37.3906, 51.7313,
54.7338

■ 76.9187, 71.6227,
78.5469

■ 34.7564, 50.4265,
52.2078

■ 77.5122, 71.8601,
81.6720

■ 32.6912, 49.4135,
49.7824

■ 78.1210, 72.1036,
84.8780

■ 31.1448, 48.6662,
47.4545

■ 78.7453, 72.3533,
88.1655

■ 30.0577, 48.1541,
45.2209

■ 79.3852, 72.6093,
91.5352

■ 29.3316, 47.8265,
43.0761

■ 80.0408, 72.8715,
94.9875

Harmonies

Analogous

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



54.7770, 60.2902, 61.7702



54.4412, 60.2902, 65.8946



54.8612, 60.2902, 70.1290

Triad

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



54.4412, 60.2902, 65.8946



58.8488, 60.2902, 73.0025



58.6959, 60.2902, 58.5700

Complementary

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



54.4412, 60.2902, 65.8946



53.8378, 53.6569, 57.9740

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.



59.8183, 60.2902, 61.3578



54.4412, 60.2902, 65.8946



59.9076, 60.2902, 69.6802

Square

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



54.4412, 60.2902, 65.8946



57.3908, 60.2902, 74.3433



60.2655, 60.2902, 65.3976



57.2173, 60.2902, 57.6546

Rectangle

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



54.4412, 60.2902, 65.8946



55.5177, 60.2902, 72.4140



60.2655, 60.2902, 65.3976



59.1283, 60.2902, 59.3130

Sweetspot

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



54.4429, 60.2927, 65.8959



92.0329, 98.4745, 107.4101



53.7651, 60.1413, 56.9197



19.5303, 20.9924, 22.9056



0.0000, 0.0000, 0.0000



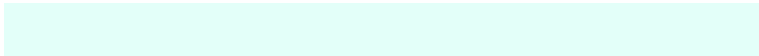
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4429, 60.2927, 65.8959



84.5359, 94.6880, 103.5182



53.6388, 57.9061, 68.0275



12.0473, 13.3627, 14.6052



18.2811, 29.8054, 26.9243



1.0495, 1.6775, 1.6496

Inverse Universe

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



53.8378, 53.6569, 57.9740



83.3832, 82.0460, 88.4268



54.5770, 55.8403, 56.0467



11.9092, 11.8484, 12.7975



16.5225, 8.4819, 2.3919



0.9536, 0.4861, 0.2904

Previews

White Background



This preview shows how the XYZ color 54.4412, 60.2902, 65.8946 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 54.4412, 60.2902, 65.8946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

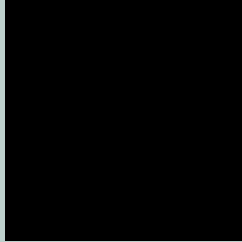
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

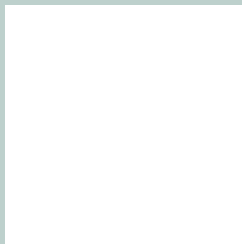
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4412, 60.2902, 65.8946

Background



This preview shows how black text looks on a background with the XYZ color 54.4412, 60.2902, 65.8946.

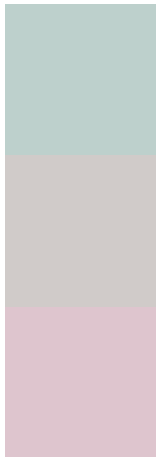


This preview shows how white text looks on a background with the XYZ color 54.4412, 60.2902,

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

54.4412, 60.2902, 65.8946

Protanopia

57.9110, 60.3388, 63.8527

Deuteranopia

61.2310, 59.9183, 66.7307



Tritanopia

56.7544, 60.1430, 77.7247

Trichromacy



Original Color

54.4412, 60.2902, 65.8946

Protanomaly

56.5794, 60.3444, 64.5427

Deuteranomaly

58.4844, 59.8827, 66.2337

Tritanomaly

55.8229, 60.1253, 72.9531

Monochromacy



Original Color

54.4412, 60.2902, 65.8946

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3983, 59.3678, 65.0392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4412, 60.2902, 65.8946 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(189, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 204)  
}
```

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(189, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.4412, 60.2902, 65.8946 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(189, 208, 204) }
```


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

```
.border{ border-color:rgb(189, 208, 204) }
```

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

Here you see how a box with a 4 pixel rgb(189, 208, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4412, 60.2902, 65.8946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 204) }
```

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

```
.background{ background-color: rgb(189,  
208, 204) }
```

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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