

Converting Colors

XYZ(54.9229, 60.7497, 56.4094)

Have a look what the booklet for
XYZ(54.9229, 60.7497, 56.4094)
contains.

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Color

**XYZ(54.9217, 60.7484,
56.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0BC
RGB	198, 208, 188
RGB Percent	78%, 82%, 74%
CMY	0.2235, 0.1843, 0.2627
CMYK	0.05, 0.00, 0.10, 0.18
HSL	90°, 18%, 78%
HSV	90°, 10%, 82%
XYZ	54.9217, 60.7484, 56.4079
YIQ	202.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

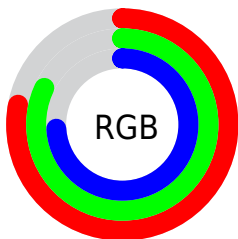
Format	Color
R _Y B	188, 208, 198
Decimal	13029564
CIE Lab	82.24, -7.00, 8.76
CIE LCh	82, 11.213, 128.655
Yxy	60.7484, 0.3192, 0.3530
Android (android.graphics.Color)	4291219644 (0xFFC6D0BC)
YUV	202.7300, -7.2619, -4.1482
Hunter-Lab	77.9413, -10.6163, 11.6493

Details

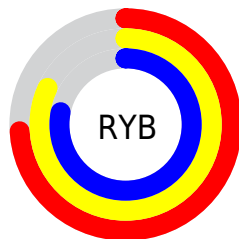
The XYZ color **54.9217, 60.7484, 56.4079** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6595, 52.5280, 67.0412**, and the grayscale version is **56.6407, 59.5905, 64.8940**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **27.4304, 30.7898, 27.4190** is the 20% darker color. If you saturate the color by 10%, you get **50.1910, 58.5521, 45.3131**, and if you desaturate by 10%, it is **60.1673, 63.1763, 69.2163**.

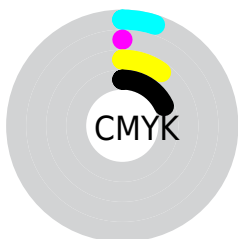
Distribution



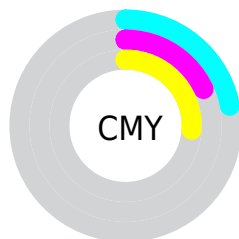
- Red (78%)
- Green (82%)
- Blue (74%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9217, 60.7484, 56.4079 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 54.9217, 60.7484, 56.4079 by changing the saturation by 10% instead.

■ 54.9217, 60.7484,
56.4079

■ 54.9217, 60.7484,
56.4079

395.7563,
427.3509, 428.6583

■ 39.5726, 44.0221,
40.1239

■ 96.5752, 105.9146,
101.0925

■ 27.3882, 30.6879,
27.3206

123.6104,
135.1232, 130.3301

■ 18.0031, 20.3613,
17.5796

155.2716,
169.2615, 164.7226

■ 11.0519, 12.6580,
10.4823

191.9243,
208.7138, 204.6886

■ 6.1693, 7.1934,
5.6101

233.9337,
253.8645, 250.6467

■ 2.9899, 3.5834,
2.5446

281.6653,

■ 1.1484, 1.4434,

305.0980, 303.0153

0.8636

335.4844,
362.7987, 362.2130

■ 0.0651, 0.2483,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9217, 60.7484,
56.4079

■ 54.9217, 60.7484,
56.4079

■ 50.1910, 58.5521,
45.3131

■ 60.1673, 63.1763,
69.2163

■ 45.9528, 56.5722,
35.8554

■ 65.9394, 65.8351,
83.8027

■ 42.1900, 54.8033,
27.9581

■ 72.2555, 68.7340,
100.2330

■ 38.8827, 53.2370,
21.5371

■ 76.4105, 70.7915,
104.2446

■ 36.0093, 51.8642,
16.5002

■ 80.0365, 72.6608,
104.4143

■ 33.5460, 50.6749,
12.7450

■ 81.8471, 73.5942,
104.4990

■ 31.4664, 49.6580,
10.1545

■ 29.7395, 48.8006,
8.5909

■ 28.3143, 48.0817,
7.8113

Harmonies

Analogous

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



57.0520, 60.7484, 53.9899



54.9217, 60.7484, 56.4079



53.5720, 60.7484, 61.4778

Triad

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



54.9217, 60.7484, 56.4079



56.0861, 60.7484, 79.1492



62.3936, 60.7484, 64.1875

Complementary

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



54.9217, 60.7484, 56.4079



52.6595, 52.5280, 67.0412

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.



62.1178, 60.7484, 71.0419



54.9217, 60.7484, 56.4079



58.4325, 60.7484, 79.9992

Square

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



54.9217, 60.7484, 56.4079



54.2313, 60.7484, 74.6936



60.6521, 60.7484, 76.9420



61.3959, 60.7484, 58.2743

Rectangle

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



54.9217, 60.7484, 56.4079



53.2745, 60.7484, 65.8369



60.6521, 60.7484, 76.9420



62.4473, 60.7484, 66.4534

Sweetspot

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



54.9234, 60.7510, 56.4092



92.4490, 98.7986, 102.4766



55.2860, 57.4312, 55.7493



19.6419, 21.0795, 21.5761



0.0000, 0.0000, 0.0000



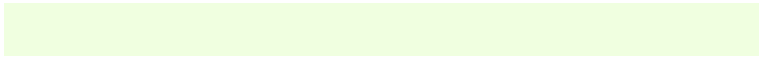
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9234, 60.7510, 56.4092



85.1011, 95.3958, 84.7337



52.3738, 59.4367, 56.2899



12.2113, 13.4924, 12.5727



17.7260, 30.0070, 4.8577



1.0826, 1.7250, 0.2759

Inverse Universe

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



52.6595, 52.5280, 67.0412



80.6479, 79.2200, 105.6481



55.3832, 53.9321, 67.1687



11.7189, 11.7039, 14.8851



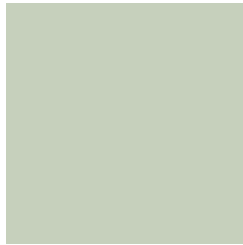
10.7672, 4.7310, 37.5382



0.6935, 0.3117, 2.1032

Previews

White Background



This preview shows how the XYZ color 54.9217, 60.7484, 56.4079 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 54.9217, 60.7484, 56.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

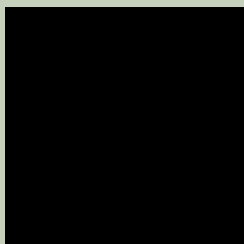
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

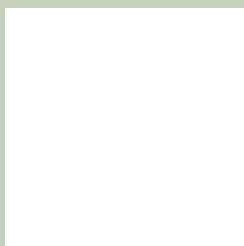
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9217, 60.7484, 56.4079

Background



This preview shows how black text looks on a background with the XYZ color 54.9217, 60.7484, 56.4079.



This preview shows how white text looks on a background with the XYZ color 54.9217, 60.7484,

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

54.9217, 60.7484, 56.4079

Protanopia

57.6072, 60.7280, 55.1398

Deuteranopia

61.5736, 60.3082, 57.1106



Tritanopia

58.7707, 60.5229, 75.6024

Trichromacy



Original Color

54.9217, 60.7484, 56.4079

Protanomaly

56.5331, 60.5159, 55.7148

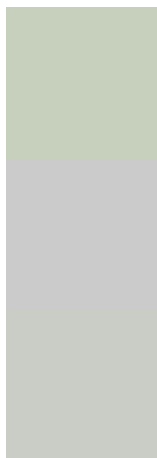
Deuteranomaly

58.9854, 60.3528, 56.6845

Tritanomaly

57.3039, 60.6342, 68.3578

Monochromacy



Original Color

54.9217, 60.7484, 56.4079

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1118, 60.1574, 62.0802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9217, 60.7484, 56.4079 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, 208, 188) looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 188)  
}
```

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, 208, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 188) }
```

Border

The CSS property to change the border of an element to XYZ 54.9217, 60.7484, 56.4079 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, 208, 188) }
```


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

```
.border{ border-color:rgb(198, 208, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9217, 60.7484, 56.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 188) }
```

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

```
.background{ background-color: rgb(198,  
208, 188) }
```

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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