

Converting Colors

XYZ(54.8385, 60.8346, 56.1457)

Have a look what the booklet for
XYZ(54.8385, 60.8346, 56.1457)
contains.

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Color

**XYZ(54.8142, 60.7054,
55.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0BB
RGB	198, 208, 187
RGB Percent	78%, 82%, 73%
CMY	0.2235, 0.1843, 0.2667
CMYK	0.05, 0.00, 0.10, 0.18
HSL	89°, 18%, 77%
HSV	89°, 10%, 82%
XYZ	54.8142, 60.7054, 55.8420
YIQ	202.6160, 0.7810, -8.6510

Conversions

Conversions Part 2

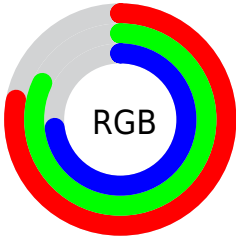
Format	Color
RYB	187, 208, 197
Decimal	13029563
CIELab	82.22, -7.18, 9.26
CIELCh	82, 11.711, 127.787
Yxy	60.7054, 0.3199, 0.3543
Android (android.graphics.Color)	4291219643 (0xFFC6D0BB)
YUV	202.6160, -7.6987, -4.0482
Hunter-Lab	77.9137, -10.7697, 12.0455

Details

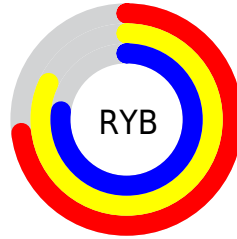
The XYZ color **54.8142, 60.7054, 55.8420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1839, 51.9667, 66.9580**, and the grayscale version is **56.5718, 59.5179, 64.8150**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **27.3603, 30.7617, 27.0498** is the 20% darker color. If you saturate the color by 10%, you get **50.2206, 58.5780, 44.8330**, and if you desaturate by 10%, it is **59.9046, 63.0552, 68.5605**.

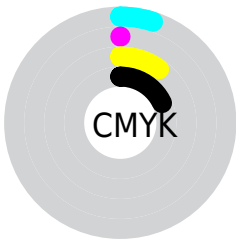
Distribution



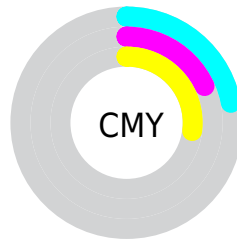
- Red (78%)
- Green (82%)
- Blue (73%)



- Red (73%)
- Yellow (82%)
- Blue (77%)



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



- Cyan (22%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8142, 60.7054, 55.8420 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 54.8142, 60.7054, 55.8420 by changing the saturation by 10% instead.

■ 54.8142, 60.7054,
55.8420

■ 54.8142, 60.7054,
55.8420

395.3551,
427.1930, 426.4674

■ 39.4862, 43.9875,
39.6731

■ 96.4186, 105.8523,
100.2570

■ 27.3206, 30.6606,
26.9719

123.4257,
135.0500, 129.3402

■ 17.9520, 20.3406,
17.3199

155.0566,
169.1764, 163.5653

■ 11.0150, 12.6429,
10.2985

191.6767,
208.6159, 203.3507

■ 6.1443, 7.1831,
5.4891

233.6512,
253.7530, 249.1151

■ 2.9745, 3.5769,
2.4733

281.3455,

■ 1.1403, 1.4398,

304.9719, 301.2770

0.8260

335.1250,
362.6571, 360.2549

■ 0.0584, 0.2458,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8142, 60.7054,
55.8420

■ 54.8142, 60.7054,
55.8420

■ 50.2206, 58.5780,
44.8330

■ 59.9046, 63.0552,
68.5605

■ 46.1017, 56.6579,
35.4566

■ 65.5029, 65.6262,
83.0529

■ 42.4411, 54.9401,
27.6360

■ 71.6261, 68.4277,
99.3853

■ 39.2193, 53.4164,
21.2867

■ 75.7432, 70.4475,
104.2134

■ 36.4152, 52.0779,
16.3162

■ 79.1550, 72.2064,
104.3730

■ 34.0056, 50.9150,
12.6214

■ 81.8471, 73.5942,
104.4990

■ 31.9643, 49.9168,
10.0846

■ 30.2610, 49.0705,
8.5667

■ 28.8552, 48.3610,
7.8138

Harmonies

Analogous

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



57.0523, 60.7054, 53.4208



54.8142, 60.7054, 55.8420



53.3783, 60.7054, 61.0480

Triad

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



54.8142, 60.7054, 55.8420



55.9074, 60.7054, 79.6235



62.5739, 60.7054, 64.2571

Complementary

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



54.8142, 60.7054, 55.8420



52.1839, 51.9667, 66.9580

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.



62.2460, 60.7054, 71.4188



54.8142, 60.7054, 55.8420



58.3499, 60.7054, 80.6367

Square

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



54.8142, 60.7054, 55.8420



53.9967, 60.7054, 74.8614



60.6826, 60.7054, 77.5383



61.5661, 60.7054, 58.0464

Rectangle

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



54.8142, 60.7054, 55.8420



53.0450, 60.7054, 65.5698



60.6826, 60.7054, 77.5383



62.6168, 60.7054, 66.6287

Sweetspot

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



54.8159, 60.7080, 55.8433



92.5147, 98.8325, 102.4797



54.9052, 56.8417, 55.0923



19.6596, 21.0886, 21.5769



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.



54.8159, 60.7080, 55.8433



85.3485, 95.5233, 84.7453



52.1925, 59.3557, 55.7205



12.2386, 13.5065, 12.5740



18.0956, 30.1976, 4.8750



1.1031, 1.7355, 0.2769

Inverse Universe

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



52.1839, 51.9667, 66.9580



80.4015, 79.0930, 105.6366



54.9739, 53.4050, 67.0885



11.6917, 11.6899, 14.8838



10.4179, 4.5509, 37.5218



0.6739, 0.3016, 2.1023

Previews

White Background



This preview shows how the XYZ color 54.8142, 60.7054, 55.8420 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 54.8142, 60.7054, 55.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

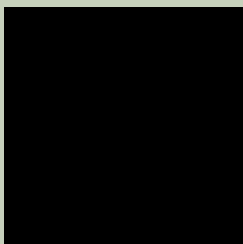
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

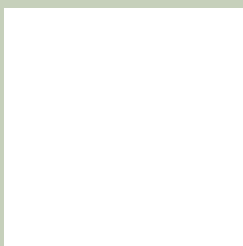
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8142, 60.7054, 55.8420

Background



This preview shows how black text looks on a background with the XYZ color 54.8142, 60.7054, 55.8420.



This preview shows how white text looks on a background with the XYZ color 54.8142, 60.7054,

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

54.8142, 60.7054, 55.8420

Protanopia

57.7904, 60.8346, 54.5953

Deuteranopia

61.7847, 60.4296, 56.5518



Tritanopia

58.7707, 60.5229, 75.6024

Trichromacy



Original Color

54.8142, 60.7054, 55.8420

Protanomaly

56.7067, 60.6177, 55.1660

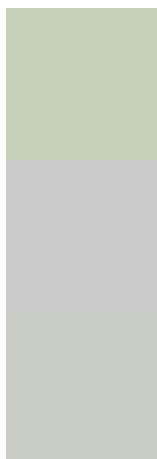
Deuteranomaly

58.8772, 60.3096, 56.1147

Tritanomaly

57.1812, 60.5851, 67.7118

Monochromacy



Original Color

54.8142, 60.7054, 55.8420

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9968, 60.1114, 61.4746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8142, 60.7054, 55.8420 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 187) }
```

Border

The CSS property to change the border of an element to XYZ 54.8142, 60.7054, 55.8420 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, 187) }
```


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

```
.border{ border-color:rgb(198, 208, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8142, 60.7054, 55.8420 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, 187) }
```

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

```
.background{ background-color: rgb(198,  
208, 187) }
```

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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