

Converting Colors

XYZ(54.7387, 56.2983, 61.0931)

Have a look what the booklet for
XYZ(54.7387, 56.2983, 61.0931)
contains.

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Color

**XYZ(54.7198, 56.3484,
60.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC4C5
RGB	204, 196, 197
RGB Percent	80%, 77%, 77%
CMY	0.2000, 0.2314, 0.2274
CMYK	0.00, 0.04, 0.03, 0.20
HSL	353°, 7%, 78%
HSV	353°, 4%, 80%
XYZ	54.7198, 56.3484, 60.8156
YIQ	198.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

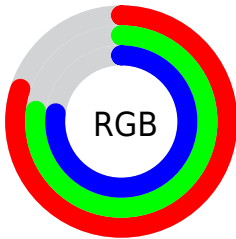
Format	Color
RYB	204, 196, 197
Decimal	13419717
CIELab	79.81, 2.97, 0.48
CIElCh	80, 3.006, 9.276
Yxy	56.3484, 0.3184, 0.3278
Android (android.graphics.Color)	4291609797 (0xFFCCC4C5)
YUV	198.5060, -0.7425, 4.8182
Hunter-Lab	75.0656, -1.2454, 4.5111

Details

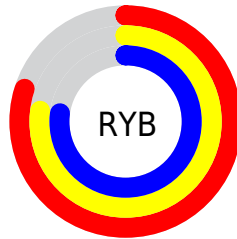
The XYZ color **54.7198, 56.3484, 60.8156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1394, 59.2348, 65.0301**, and the grayscale version is **53.9883, 56.7999, 61.8550**.

A 20% lighter version of the original color is **94.2547, 98.6663, 107.8427**, and **27.2086, 27.8132, 29.9210** is the 20% darker color. If you saturate the color by 10%, you get **48.5013, 46.9939, 49.2385**, and if you desaturate by 10%, it is **61.8096, 67.0561, 73.8805**.

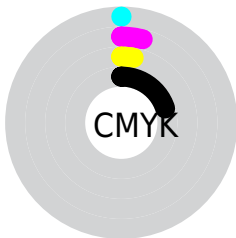
Distribution



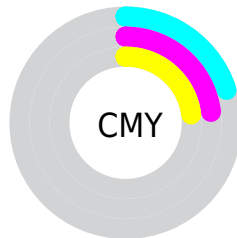
- Red (80%)
- Green (77%)
- Blue (77%)



- Red (80%)
- Yellow (77%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7198, 56.3484, 60.8156 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 54.7198, 56.3484, 60.8156 by changing the saturation by 10% instead.

■ 54.7198, 56.3484,
60.8156

■ 54.7198, 56.3484,
60.8156

395.0026,
411.0032, 445.4854

■ 39.4104, 40.4823,
43.6468

■ 96.2810, 99.5138,
107.5668

■ 27.2613, 27.9148,
30.0578

123.2635,
127.5819, 137.9863

■ 17.9072, 18.2614,
19.6300

154.8678,
160.4861, 173.6597

■ 10.9826, 11.1379,
11.9450

191.4591,
198.6109, 215.0057

■ 6.1224, 6.1596,
6.5841

233.4029,
242.3406, 262.4427

■ 2.9610, 2.9424,
3.1289

281.0645,

■ 1.1332, 1.1017,

292.0596, 316.3893

1.1608

334.8093,
348.1523, 377.2640

■ 0.0526, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7198, 56.3484,
60.8156

■ 54.7198, 56.3484,
60.8156

■ 48.5013, 46.9939,
49.2385

■ 61.8096, 67.0561,
73.8805

■ 43.1159, 38.9317,
39.0927

■ 69.7975, 79.1601,
88.4795

■ 38.5293, 32.1071,
30.3236

■ 78.0077, 91.2958,
104.4259

■ 34.7034, 26.4589,
22.8717

■ 78.7122, 91.5775,
108.1354

■ 31.5968, 21.9203,
16.6731

■ 29.1639, 18.4181,
11.6585

■ 27.3542, 15.8702,
7.7520

■ 26.1097, 14.1821,
4.8685

■ 25.3614, 13.2395,
2.9105

Harmonies

Analogous

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



54.6586, 56.3484, 62.5465



54.7198, 56.3484, 60.8156



54.4677, 56.3484, 59.2581

Triad

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



54.7198, 56.3484, 60.8156



52.8206, 56.3484, 58.7978



53.1447, 56.3484, 64.5396

Complementary

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



54.7198, 56.3484, 60.8156



55.1394, 59.2348, 65.0301

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.



52.6574, 56.3484, 63.4984



54.7198, 56.3484, 60.8156



52.4712, 56.3484, 60.1764

Square

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



54.7198, 56.3484, 60.8156



53.3692, 56.3484, 58.1078



52.4117, 56.3484, 61.8952



53.7462, 56.3484, 64.7186

Rectangle

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



54.7198, 56.3484, 60.8156



54.1571, 56.3484, 58.5198



52.4117, 56.3484, 61.8952



52.9623, 56.3484, 64.2779

Sweetspot

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



54.7214, 56.3508, 60.8168



93.8845, 98.2408, 106.7488



55.2512, 56.5291, 65.1267



20.1074, 21.0461, 22.8713



0.0000, 0.0000, 0.0000



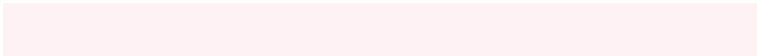
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7214, 56.3508, 60.8168



89.3713, 91.4351, 98.3982



55.2754, 57.6411, 60.4399



11.7925, 12.0251, 12.9217



15.8057, 8.1329, 1.4297



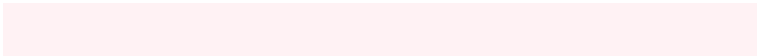
0.8347, 0.4273, 0.1754

Inverse Universe

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



54.7214, 56.3508, 60.8168



89.3713, 91.4351, 98.3982



54.5682, 57.9017, 65.4276



11.7925, 12.0251, 12.9217



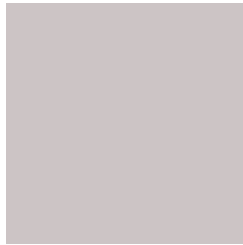
15.8057, 8.1329, 1.4297



0.8347, 0.4273, 0.1754

Previews

White Background



This preview shows how the XYZ color 54.7198, 56.3484, 60.8156 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 54.7198, 56.3484, 60.8156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

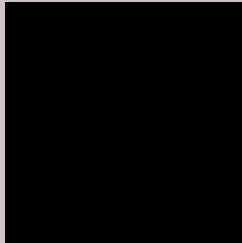
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

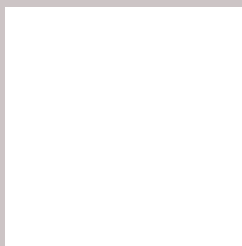
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7198, 56.3484, 60.8156

Background



This preview shows how black text looks on a background with the XYZ color 54.7198, 56.3484, 60.8156.

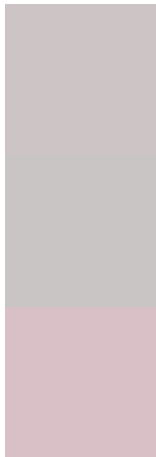


This preview shows how white text looks on a background with the XYZ color 54.7198, 56.3484,

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

54.7198, 56.3484, 60.8156

Protanopia

54.1317, 56.3812, 60.8529

Deuteranopia

57.6580, 56.5282, 61.2982



Tritanopia

56.2540, 56.3088, 68.2254

Trichromacy



Original Color

54.7198, 56.3484, 60.8156

Protanomaly

54.4014, 56.5203, 60.8656

Deuteranomaly

56.4144, 56.2142, 61.3031

Tritanomaly

55.7114, 56.4171, 65.7109

Monochromacy



Original Color

54.7198, 56.3484, 60.8156

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4745, 56.8829, 61.5345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7198, 56.3484, 60.8156 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(204, 196, 197) looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 197)  
}
```

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(204, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.7198, 56.3484, 60.8156 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(204, 196, 197) }
```


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

```
.border{ border-color:rgb(204, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7198, 56.3484, 60.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 197) }
```

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

```
.background{ background-color: rgb(204,  
196, 197) }
```

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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