

Converting Colors

XYZ(54.1699, 59.7452, 56.6143)

Have a look what the booklet for
XYZ(54.1699, 59.7452, 56.6143)
contains.

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Color

**XYZ(54.0216, 59.5525,
56.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CEBD
RGB	196, 206, 189
RGB Percent	77%, 81%, 74%
CMY	0.2314, 0.1921, 0.2588
CMYK	0.05, 0.00, 0.08, 0.19
HSL	95°, 15%, 77%
HSV	95°, 8%, 81%
XYZ	54.0216, 59.5525, 56.7917
YIQ	201.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

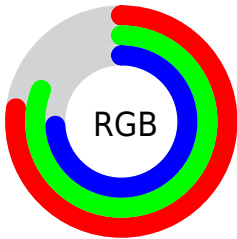
Format	Color
RYB	189, 206, 199
Decimal	12897981
CIELab	81.59, -6.49, 7.27
CIELCh	82, 9.751, 131.759
Yxy	59.5525, 0.3171, 0.3496
Android (android.graphics.Color)	4291088061 (0xFFC4CEBD)
YUV	201.0720, -5.9515, -4.4481
Hunter-Lab	77.1703, -10.0924, 10.3861

Details

The XYZ color **54.0216, 59.5525, 56.7917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8937, 52.9952, 65.8369**, and the grayscale version is **55.5994, 58.4949, 63.7009**.

A 20% lighter version of the original color is **92.7494, 98.9952, 100.6058**, and **26.8275, 29.9848, 27.6662** is the 20% darker color. If you saturate the color by 10%, you get **48.9165, 57.1628, 45.6974**, and if you desaturate by 10%, it is **59.7023, 62.2057, 69.5735**.

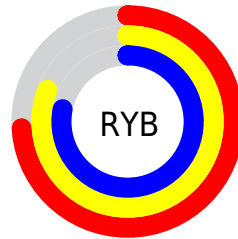
Distribution



Red (77%)

Green (81%)

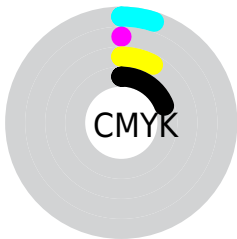
Blue (74%)



Red (74%)

Yellow (81%)

Blue (78%)

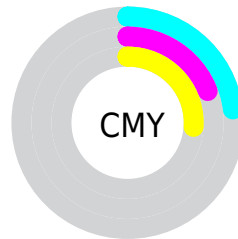


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0216, 59.5525, 56.7917 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 54.0216, 59.5525, 56.7917 by changing the saturation by 10% instead.

■ 54.0216, 59.5525,
56.7917

■ 54.0216, 59.5525,
56.7917

392.3894,
422.9463, 430.1402

■ 38.8497, 43.0580,
40.4298

■ 95.2627, 104.1802,
101.6585

■ 26.8230, 29.9307,
27.5575

122.0625,
133.0823, 131.0005

■ 17.5762, 19.7860,
17.7562

153.4690,
166.8890, 165.5062

■ 10.7440, 12.2396,
10.6075

189.8476,
205.9848, 205.5942

■ 5.9610, 6.9070,
5.6927

231.5636,
250.7540, 251.6831

■ 2.8618, 3.4040,
2.5934

278.9823,

■ 1.0811, 1.3461,

301.5811, 304.1914

0.8890

332.4691,
358.8504, 363.5375

0.0092, 0.1765,
0.0000

0.0000, 0.0000,
0.0000

54.0216, 59.5525,
56.7917

54.0216, 59.5525,
56.7917

48.9165, 57.1628,
45.6974

59.7023, 62.2057,
69.5735

44.3629, 55.0204,
36.2162

65.9721, 65.1228,
84.1050

40.3419, 53.1191,
28.2739

72.8501, 68.3139,
100.4504

36.8317, 51.4494,
21.7893

77.5979, 70.6842,
104.1613

■ 33.8086, 50.0011,
16.6732

■ 81.3625, 72.6249,
104.3375

■ 31.2469, 48.7630,
12.8271

■ 29.1182, 47.7229,
10.1391

■ 27.3896, 46.8667,
8.4776

■ 26.0154, 46.1753,
7.6449

Harmonies

Analogous

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



55.8045, 59.5525, 54.4204



54.0216, 59.5525, 56.7917



52.9461, 59.5525, 61.3776

Triad

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



54.0216, 59.5525, 56.7917



55.3797, 59.5525, 76.1492



60.5446, 59.5525, 62.5721

Complementary

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



54.0216, 59.5525, 56.7917



52.8937, 52.9952, 65.8369

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.



60.4242, 59.5525, 68.4355



54.0216, 59.5525, 56.7917



57.4089, 59.5525, 76.5170

Square

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



54.0216, 59.5525, 56.7917



53.7171, 59.5525, 72.6439



59.2651, 59.5525, 73.6204



59.5902, 59.5525, 57.6207

Rectangle

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



54.0216, 59.5525, 56.7917



52.7590, 59.5525, 65.1892



59.2651, 59.5525, 73.6204



60.6291, 59.5525, 64.4971

Sweetspot

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



54.0232, 59.5551, 56.7930



93.1443, 99.1112, 104.5814



55.0455, 57.6068, 56.3631



19.9567, 21.2232, 22.4300



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.



54.0232, 59.5551, 56.7930



85.9071, 95.7299, 88.4452



52.3992, 58.7000, 57.5239



11.4982, 12.7587, 11.9361



15.9910, 28.4190, 4.6426



0.9105, 1.5102, 0.2435

Inverse Universe

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



52.8937, 52.9952, 65.8369



83.6907, 82.8588, 106.1901



54.6226, 53.9063, 65.0232



11.2237, 11.1646, 14.1338



11.8450, 5.3138, 36.3576



0.6960, 0.3179, 1.8796

Previews

White Background



This preview shows how the XYZ color 54.0216, 59.5525, 56.7917 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 54.0216, 59.5525, 56.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

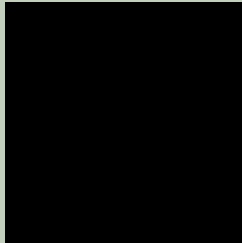
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

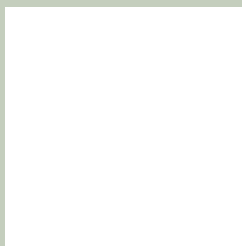
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0216, 59.5525, 56.7917

Background



This preview shows how black text looks on a background with the XYZ color 54.0216, 59.5525, 56.7917.



This preview shows how white text looks on a background with the XYZ color 54.0216, 59.5525,

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

54.0216, 59.5525, 56.7917

Protanopia

56.6685, 59.5306, 55.5175

Deuteranopia

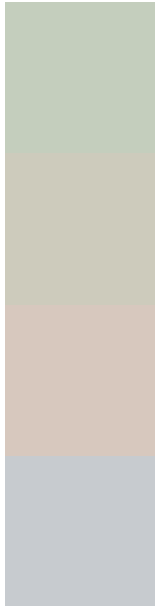
60.5079, 59.4102, 57.5684



Tritanopia

57.5948, 59.5824, 74.7946

Trichromacy



Original Color

54.0216, 59.5525, 56.7917

Protanomaly

55.6099, 59.3218, 56.0963

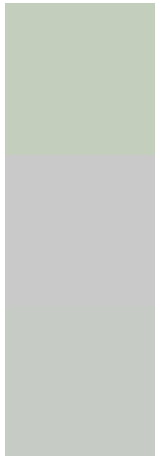
Deuteranomaly

57.9729, 59.4733, 57.1392

Tritanomaly

56.1716, 59.3590, 67.5284

Monochromacy



Original Color

54.0216, 59.5525, 56.7917

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9872, 58.8852, 61.2912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0216, 59.5525, 56.7917 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(196, 206, 189) looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 189)  
}
```

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(196, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.0216, 59.5525, 56.7917 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(196, 206, 189) }
```


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

```
.border{ border-color:rgb(196, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0216, 59.5525, 56.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 189) }
```

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

```
.background{ background-color: rgb(196,  
206, 189) }
```

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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