

Converting Colors

XYZ(54.2074, 56.8297, 61.2226)

Have a look what the booklet for
XYZ(54.2074, 56.8297, 61.2226)
contains.

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Color

**XYZ(54.0915, 56.6987,
60.9163)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C6C5
RGB	200, 198, 197
RGB Percent	78%, 78%, 77%
CMY	0.2157, 0.2235, 0.2274
CMYK	0.00, 0.01, 0.01, 0.22
HSL	20°, 3%, 78%
HSV	20°, 1%, 78%
XYZ	54.0915, 56.6987, 60.9163
YIQ	198.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

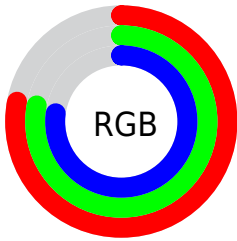
Format	Color
R _Y B	200, 199, 197
Decimal	13158085
CIE Lab	80.01, 0.51, 0.74
CIE LCh	80, 0.897, 55.038
Yxy	56.6987, 0.3150, 0.3302
Android (android.graphics.Color)	4291348165 (0xFFC8C6C5)
YUV	198.4840, -0.7316, 1.3295
Hunter-Lab	75.2985, -3.5451, 4.7435

Details

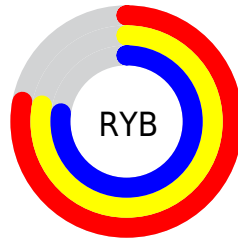
The XYZ color **54.0915, 56.6987, 60.9163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8747, 56.8865, 62.7850**, and the grayscale version is **53.9760, 56.7870, 61.8410**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **26.7852, 28.0407, 29.9873** is the 20% darker color. If you saturate the color by 10%, you get **49.0408, 50.0241, 48.6665**, and if you desaturate by 10%, it is **59.7169, 64.0346, 74.8591**.

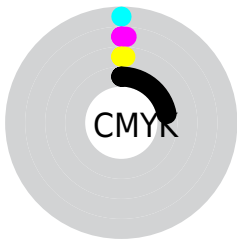
Distribution



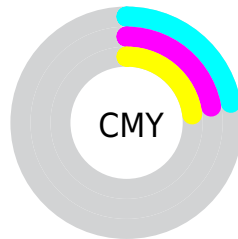
- Red (78%)
- Green (78%)
- Blue (77%)



- Red (78%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0915, 56.6987, 60.9163 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 54.0915, 56.6987, 60.9163 by changing the saturation by 10% instead.

■ 54.0915, 56.6987,
60.9163

■ 54.0915, 56.6987,
60.9163

392.6515,
412.3193, 445.8651

■ 38.9058, 40.7634,
43.7275

95.3647, 100.0254,
107.7141

■ 26.8668, 28.1342,
30.1207

122.1829,
128.1856, 138.1602

■ 17.6093, 18.4269,
19.6774

153.6092,
161.1896, 173.8624

■ 10.7678, 11.2569,
11.9790

190.0092,
199.4216, 215.2394

■ 5.9771, 6.2399,
6.6070

231.7480,
243.2663, 262.7096

■ 2.8717, 2.9915,
3.1429

279.1911,

■ 1.0863, 1.1273,

293.1078, 316.6916

1.1680

332.7038,
349.3307, 377.6039

■ 0.0136, 0.0011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0915, 56.6987,
60.9163

■ 54.0915, 56.6987,
60.9163

■ 49.0408, 50.0241,
48.6665

■ 59.7169, 64.0346,
74.8591

■ 44.5412, 43.9851,
38.0412

■ 65.9300, 72.0421,
90.5526

■ 40.5746, 38.5647,
28.9725

■ 72.4255, 80.6110,
106.3500

■ 37.1200, 33.7426,
21.3864

■ 76.4437, 88.6475,
107.6894

■ 34.1548, 29.4973,
15.2028

■ 77.6297, 91.0195,
108.0847

■ 31.6546, 25.8060,
10.3340

■ 29.5928, 22.6441,
6.6820

■ 27.9396, 19.9850,
4.1352

■ 26.6604, 17.7990,
2.5607

Harmonies

Analogous

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



54.2086, 56.6987, 61.3114



54.0915, 56.6987, 60.9163



53.9207, 56.6987, 60.7407

Triad

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



54.0915, 56.6987, 60.9163



53.5420, 56.6987, 61.6485



54.0389, 56.6987, 62.6491

Complementary

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



54.0915, 56.6987, 60.9163



53.8747, 56.8865, 62.7850

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.



53.8601, 56.6987, 62.7406



54.0915, 56.6987, 60.9163



53.5735, 56.6987, 62.1610

Square

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



54.0915, 56.6987, 60.9163



53.6037, 56.6987, 61.1618



53.6898, 56.6987, 62.5615



54.1781, 56.6987, 62.3122

Rectangle

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



54.0915, 56.6987, 60.9163



53.7995, 56.6987, 60.7709



53.6898, 56.6987, 62.5615



53.9814, 56.6987, 62.7097

Sweetspot

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



54.0931, 56.7011, 60.9175

95.0500, 100.0000, 108.9000



54.0952, 56.3362, 62.0564



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



54.0931, 56.7011, 60.9175



93.1664, 97.5294, 104.2749



54.4369, 57.3887, 61.0321



11.7536, 12.3088, 13.1786



16.4920, 10.5012, 1.1577



0.8479, 0.6312, 0.0771

Inverse Universe

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



53.8747, 56.8865, 62.7850



92.6567, 97.9619, 108.6328



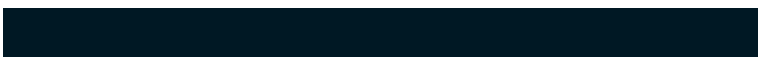
53.5321, 56.2012, 62.6708



11.6942, 12.3592, 13.6867



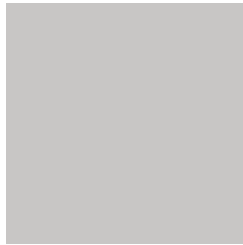
12.0560, 13.5060, 36.7159



0.6356, 0.7689, 1.7601

Previews

White Background



This preview shows how the XYZ color 54.0915, 56.6987, 60.9163 looks on a white background.

Color Contrast Check

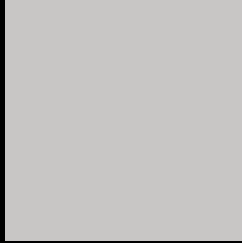
Large Text (above 18pt) WCAG AA × Fail

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 54.0915, 56.6987, 60.9163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

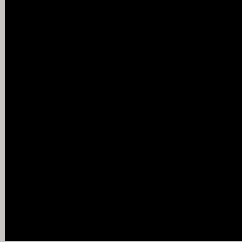
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

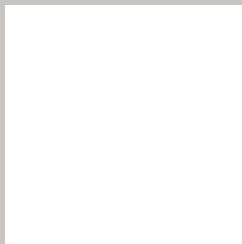
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0915, 56.6987, 60.9163

Background



This preview shows how black text looks on a background with the XYZ color 54.0915, 56.6987, 60.9163.

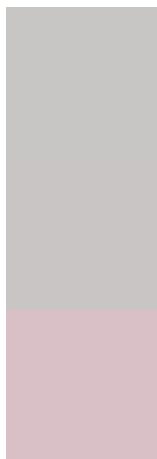


This preview shows how white text looks on a background with the XYZ color 54.0915, 56.6987,

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

54.0915, 56.6987, 60.9163

Protanopia

54.4014, 56.5203, 60.8656

Deuteranopia

57.6580, 56.5282, 61.2982



Tritanopia

55.8549, 56.7396, 69.6360

Trichromacy



Original Color

54.0915, 56.6987, 60.9163

Protanomaly

54.1317, 56.3812, 60.8529

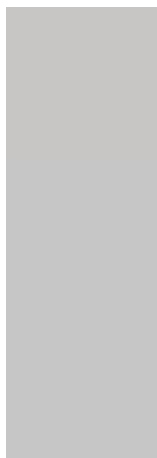
Deuteranomaly

56.3488, 56.5097, 61.3636

Tritanomaly

55.1942, 56.8062, 66.4482

Monochromacy



Original Color

54.0915, 56.6987, 60.9163

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9403, 56.6075, 61.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0915, 56.6987, 60.9163 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(200, 198, 197) looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 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(200, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.0915, 56.6987, 60.9163 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(200, 198, 197) }
```

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

```
.border{ border-color:rgb(200, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 54.0915, 56.6987, 60.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 197) }
```

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

```
.background{ background-color: rgb(200,  
198, 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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