

Converting Colors

XYZ(54.9017, 60.1373, 59.8455)

Have a look what the booklet for
XYZ(54.9017, 60.1373, 59.8455)
contains.

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Color

**XYZ(55.0764, 60.3910,
59.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CFC2
RGB	197, 207, 194
RGB Percent	77%, 81%, 76%
CMY	0.2274, 0.1882, 0.2392
CMYK	0.05, 0.00, 0.06, 0.19
HSL	106°, 12%, 79%
HSV	106°, 6%, 81%
XYZ	55.0764, 60.3910, 59.7927
YIQ	202.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

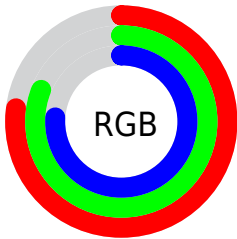
Format	Color
RYB	194, 207, 204
Decimal	12963778
CIELab	82.05, -5.78, 5.27
CIELCh	82, 7.825, 137.633
Yxy	60.3910, 0.3143, 0.3446
Android (android.graphics.Color)	4291153858 (0xFFC5CFC2)
YUV	202.5280, -4.2043, -4.8481
Hunter-Lab	77.7116, -9.4875, 8.7794

Details

The XYZ color **55.0764, 60.3910, 59.7927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4584, 55.9275, 66.9067**, and the grayscale version is **56.4966, 59.4388, 64.7289**.

A 20% lighter version of the original color is **93.8884, 99.4930, 104.6981**, and **27.4525, 30.5156, 29.2541** is the 20% darker color. If you saturate the color by 10%, you get **48.9600, 57.4898, 48.2042**, and if you desaturate by 10%, it is **61.9606, 63.6541, 73.1102**.

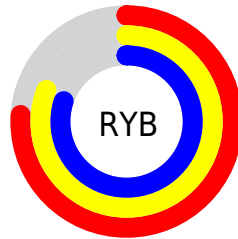
Distribution



Red (77%)

Green (81%)

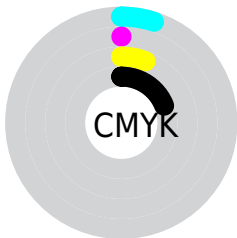
Blue (76%)



Red (76%)

Yellow (81%)

Blue (80%)

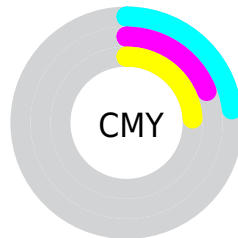


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0764, 60.3910, 59.7927 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 55.0764, 60.3910, 59.7927 by changing the saturation by 10% instead.

■ 55.0764, 60.3910,
59.7927

■ 55.0764, 60.3910,
59.7927

396.3332,
426.0375, 441.6167

■ 39.6970, 43.7339,
42.8274

■ 96.8006, 105.3967,
106.0693

■ 27.4855, 30.4613,
29.4193

123.8760,
134.5140, 136.2177

■ 18.0767, 20.1890,
19.1499

155.5808,
168.5535, 171.5975

■ 11.1051, 12.5325,
11.6008

192.2804,
207.8995, 212.6272

■ 6.2054, 7.1074,
6.3532

234.3401,
252.9366, 259.7255

■ 3.0122, 3.5294,
2.9888

282.1252,

■ 1.1602, 1.4140,

304.0490, 313.3108

1.0889

336.0011,
361.6212, 373.8017

■ 0.0746, 0.2270,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0764, 60.3910,
59.7927

■ 55.0764, 60.3910,
59.7927

■ 48.9600, 57.4898,
48.2042

■ 61.9606, 63.6541,
73.1102

■ 43.5794, 54.9303,
38.2700

■ 69.6332, 67.2830,
88.2193

■ 38.9078, 52.7021,
29.9158

■ 77.9421, 71.2202,
104.2466

■ 34.9148, 50.7912,
23.0601

■ 81.6040, 73.1080,
104.4180

■ 31.5676, 49.1828,
17.6140

■ 28.8307, 47.8605,
13.4795

■ 26.6648, 46.8066,
10.5458

■ 25.0256, 46.0011,
8.6838

■ 23.8602, 45.4202,
7.7305

Harmonies

Analogous

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



56.4395, 60.3910, 57.4323



55.0764, 60.3910, 59.7927



54.3417, 60.3910, 63.8194

Triad

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



55.0764, 60.3910, 59.7927



56.7198, 60.3910, 75.0834



60.4920, 60.3910, 63.0283

Complementary

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



55.0764, 60.3910, 59.7927



55.4584, 55.9275, 66.9067

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.



60.5706, 60.3910, 67.7304



55.0764, 60.3910, 59.7927



58.3710, 60.3910, 74.8464

Square

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



55.0764, 60.3910, 59.7927



55.2782, 60.3910, 72.7349



59.7877, 60.3910, 72.1022



59.5751, 60.3910, 59.2376

Rectangle

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



55.0764, 60.3910, 59.7927



54.2976, 60.3910, 66.9758



59.7877, 60.3910, 72.1022



60.6180, 60.3910, 64.5501

Sweetspot

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



55.0781, 60.3936, 59.7940



92.8109, 98.9393, 104.5658



57.0572, 60.3330, 59.6780



19.8888, 21.1882, 22.4268



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.



55.0781, 60.3936, 59.7940



86.3978, 95.8991, 92.2513



54.6944, 60.1503, 61.8330



11.9079, 13.3360, 12.5585



14.8882, 28.5441, 4.7249



0.9039, 1.6328, 0.2675

Inverse Universe

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



55.4584, 55.9275, 66.9067



87.1736, 86.7862, 106.7646



55.8692, 56.1878, 64.7369



12.0330, 11.8659, 14.8998



16.2212, 7.5426, 37.7934



0.9736, 0.4561, 2.1163

Previews

White Background



This preview shows how the XYZ color 55.0764, 60.3910, 59.7927 looks on a white background.

Color Contrast Check

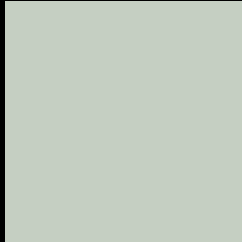
Large Text (above 18pt) WCAG AA × Fail

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 55.0764, 60.3910, 59.7927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

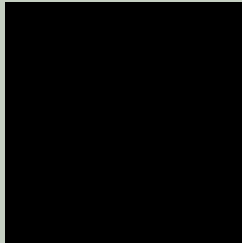
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

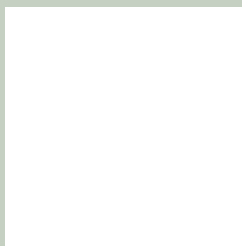
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0764, 60.3910, 59.7927

Background



This preview shows how black text looks on a background with the XYZ color 55.0764, 60.3910, 59.7927.



This preview shows how white text looks on a background with the XYZ color 55.0764, 60.3910,

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

55.0764, 60.3910, 59.7927

Protanopia

57.4487, 60.2193, 58.4648

Deuteranopia

61.2941, 60.0868, 60.5919



Tritanopia

58.2295, 60.2439, 75.5770

Trichromacy



Original Color

55.0764, 60.3910, 59.7927

Protanomaly

56.3953, 60.0151, 59.0638

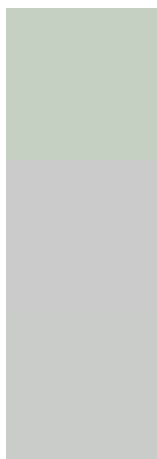
Deuteranomaly

58.7613, 60.1605, 60.1448

Tritanomaly

57.0451, 60.1182, 69.5701

Monochromacy



Original Color

55.0764, 60.3910, 59.7927

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1056, 59.7734, 63.2239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0764, 60.3910, 59.7927 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(197, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 207, 194)  
}
```

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(197, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 207, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.0764, 60.3910, 59.7927 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(197, 207, 194) }
```


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

```
.border{ border-color:rgb(197, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 207,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0764, 60.3910, 59.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 207, 194) }
```

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

```
.background{ background-color: rgb(197,  
207, 194) }
```

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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