

Converting Colors

XYZ(55.7473, 61.4309, 60.4228)

Have a look what the booklet for
XYZ(55.7473, 61.4309, 60.4228)
contains.

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Color

**XYZ(55.6767, 61.4114,
60.5489)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D1C3
RGB	197, 209, 195
RGB Percent	77%, 82%, 76%
CMY	0.2274, 0.1804, 0.2353
CMYK	0.06, 0.00, 0.07, 0.18
HSL	111°, 13%, 79%
HSV	111°, 7%, 82%
XYZ	55.6767, 61.4114, 60.5489
YIQ	203.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

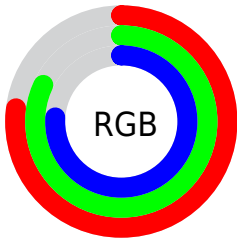
Format	Color
RYB	195, 209, 207
Decimal	12964291
CIELab	82.60, -6.64, 5.53
CIELCh	83, 8.642, 140.198
Yxy	61.4114, 0.3134, 0.3457
Android (android.graphics.Color)	4291154371 (0xFFC5D1C3)
YUV	203.8160, -4.3463, -5.9776
Hunter-Lab	78.3654, -10.3197, 9.0455

Details

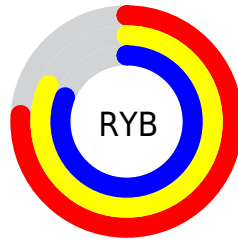
The XYZ color **55.6767, 61.4114, 60.5489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7584, 56.9009, 68.3163**, and the grayscale version is **57.3075, 60.2920, 65.6580**.

A 20% lighter version of the original color is **94.2037, 99.6191, 106.3588**, and **27.8568, 31.2054, 29.7543** is the 20% darker color. If you saturate the color by 10%, you get **49.0615, 58.2571, 48.7550**, and if you desaturate by 10%, it is **63.1838, 64.9908, 74.1137**.

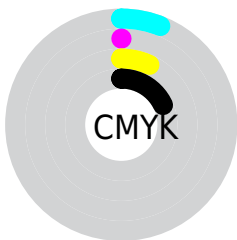
Distribution



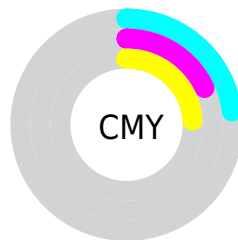
- Red (77%)
- Green (82%)
- Blue (76%)



- Red (76%)
- Yellow (82%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6767, 61.4114, 60.5489 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 55.6767, 61.4114, 60.5489 by changing the saturation by 10% instead.

■ 55.6767, 61.4114,
60.5489

■ 55.6767, 61.4114,
60.5489

398.5668,
429.7808, 444.4787

■ 40.1798, 44.5573,
43.4330

97.6743, 106.8744,
107.1767

■ 27.8636, 31.1088,
29.8911

124.9056,
136.2520, 137.5256

■ 18.3628, 20.6817,
19.5046

156.7791,
170.5730, 173.1227

■ 11.3120, 12.8916,
11.8550

193.6602,
210.2216, 214.3864

■ 6.3459, 7.3539,
6.5237

235.9141,
255.5823, 261.7354

■ 3.0992, 3.6844,
3.0921

283.9063,

■ 1.2064, 1.4986,

307.0395, 315.5880

1.1419

338.0021,
364.9775, 376.3630

■ 0.1114, 0.2878,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6767, 61.4114,
60.5489

■ 55.6767, 61.4114,
60.5489

■ 49.0615, 58.2571,
48.7550

■ 63.1838, 64.9908,
74.1137

■ 43.2999, 55.5045,
38.6552

■ 71.6090, 69.0020,
89.5142

■ 38.3584, 53.1397,
30.1729

■ 80.5455, 73.2863,
104.5082

■ 34.1995, 51.1451,
23.2240

■ 82.0917, 74.0834,
104.5806

■ 30.7823, 49.5019,
17.7170

■ 28.0627, 48.1893,
13.5505

■ 25.9914, 47.1844,
10.6101

■ 24.5125, 46.4614,
8.7620

■ 23.5584, 45.9891,
7.8332

Harmonies

Analogous

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



57.1489, 61.4114, 57.7455



55.6767, 61.4114, 60.5489



54.9309, 61.4114, 65.1455

Triad

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



55.6767, 61.4114, 60.5489



57.7656, 61.4114, 77.4269



61.7756, 61.4114, 63.4072

Complementary

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



55.6767, 61.4114, 60.5489



56.7584, 56.9009, 68.3163

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.



61.9491, 61.4114, 68.6177



55.6767, 61.4114, 60.5489



59.6077, 61.4114, 76.9008

Square

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



55.6767, 61.4114, 60.5489



56.1199, 61.4114, 75.0108



61.1482, 61.4114, 73.6091



60.6788, 61.4114, 59.3343

Rectangle

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



55.6767, 61.4114, 60.5489



54.9350, 61.4114, 68.6883



61.1482, 61.4114, 73.6091



61.9447, 61.4114, 65.0774

Sweetspot

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



55.6784, 61.4140, 60.5502



92.6495, 98.8561, 104.5583



58.4361, 62.0756, 60.5326



19.8560, 21.1713, 22.4252



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.



55.6784, 61.4140, 60.5502



85.7941, 95.5879, 92.2231



55.7218, 61.3713, 63.4930



11.8111, 13.2861, 12.5540



14.4355, 28.3107, 4.7037



0.8590, 1.6097, 0.2654

Inverse Universe

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



56.7584, 56.9009, 68.3163



87.8205, 87.1196, 106.7949



56.7229, 56.9516, 65.1952



12.1380, 11.9200, 14.9047



18.6449, 8.7921, 37.9068



1.0890, 0.5156, 2.1217

Previews

White Background



This preview shows how the XYZ color 55.6767, 61.4114, 60.5489 looks on a white background.

Color Contrast Check

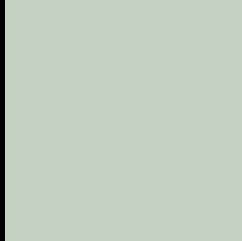
Large Text (above 18pt) WCAG AA × Fail

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 55.6767, 61.4114, 60.5489 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

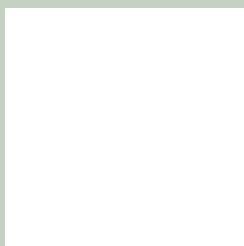
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6767, 61.4114, 60.5489

Background



This preview shows how black text looks on a background with the XYZ color 55.6767, 61.4114, 60.5489.



This preview shows how white text looks on a background with the XYZ color 55.6767, 61.4114,

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

55.6767, 61.4114, 60.5489

Protanopia

58.6083, 61.5099, 59.2357

Deuteranopia

62.2670, 60.9134, 61.2990



Tritanopia

58.9699, 61.3006, 77.1308

Trichromacy



Original Color

55.6767, 61.4114, 60.5489

Protanomaly

57.5410, 61.3031, 59.8389

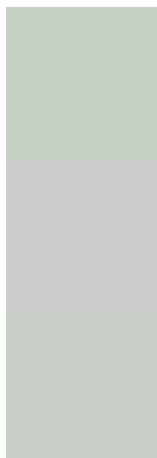
Deuteranomaly

59.6996, 60.9783, 60.8480

Tritanomaly

57.7744, 61.1754, 71.0504

Monochromacy



Original Color

55.6767, 61.4114, 60.5489

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7013, 60.7772, 64.0010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6767, 61.4114, 60.5489 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, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 195)  
}
```

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, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 195) }
```

Border

The CSS property to change the border of an element to XYZ 55.6767, 61.4114, 60.5489 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, 209, 195) }
```


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

```
.border{ border-color:rgb(197, 209, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 209,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6767, 61.4114, 60.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 209, 195) }
```

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

```
.background{ background-color: rgb(197,  
209, 195) }
```

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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