

Converting Colors

XYZ(55.2942, 60.3463, 61.7163)

Have a look what the booklet for
XYZ(55.2942, 60.3463, 61.7163)
contains.

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Color

**XYZ(55.4168, 60.5272,
61.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CFC5
RGB	197, 207, 197
RGB Percent	77%, 81%, 77%
CMY	0.2274, 0.1882, 0.2274
CMYK	0.05, 0.00, 0.05, 0.19
HSL	120°, 9%, 79%
HSV	120°, 5%, 81%
XYZ	55.4168, 60.5272, 61.5855
YIQ	202.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

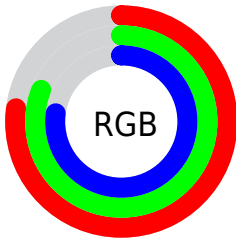
Format	Color
RYB	197, 207, 207
Decimal	12963781
CIELab	82.12, -5.24, 3.78
CIElCh	82, 6.462, 144.210
Yxy	60.5272, 0.3122, 0.3409
Android (android.graphics.Color)	4291153861 (0xFFC5CFC5)
YUV	202.8700, -2.8939, -5.1480
Hunter-Lab	77.7992, -9.0022, 7.5258

Details

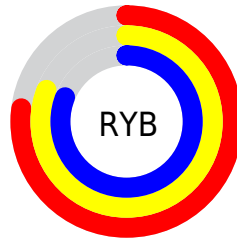
The XYZ color **55.4168, 60.5272, 61.5855** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9630, 57.7043, 67.1701**, and the grayscale version is **56.7034, 59.6564, 64.9658**.

A 20% lighter version of the original color is **94.5224, 99.7466, 108.0371**, and **27.6769, 30.6053, 30.4353** is the 20% darker color. If you saturate the color by 10%, you get **48.1530, 57.0398, 49.7030**, and if you desaturate by 10%, it is **63.7541, 64.5338, 75.2208**.

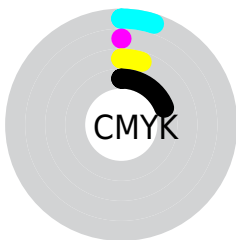
Distribution



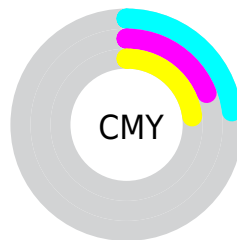
- Red (77%)
- Green (81%)
- Blue (77%)



- Red (77%)
- Yellow (81%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4168, 60.5272, 61.5855 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 55.4168, 60.5272, 61.5855 by changing the saturation by 10% instead.

■ 55.4168, 60.5272,
61.5855

■ 55.4168, 60.5272,
61.5855

397.6007,
426.5383, 448.3834

■ 39.9707, 43.8437,
44.2642

97.2961, 105.5941,
108.6920

■ 27.6998, 30.5477,
30.5396

124.4601,
134.7462, 139.3143

■ 18.2388, 20.2547,
19.9930

156.2606,
168.8234, 175.2074

■ 11.2223, 12.5803,
12.2059

193.0632,
208.2100, 216.7898

■ 6.2849, 7.1402,
6.7598

235.2332,
253.2904, 264.4801

■ 3.0614, 3.5499,
3.2362

283.1358,

■ 1.1863, 1.4251,

304.4490, 318.6967

1.2165

337.1365,
362.0701, 379.8583

■ 0.0955, 0.2351,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4168, 60.5272,
61.5855

■ 55.4168, 60.5272,
61.5855

■ 48.1530, 57.0398,
49.7030

■ 63.7541, 64.5338,
75.2208

■ 41.9142, 54.0430,
39.4985

■ 73.2006, 69.0715,
90.6719

■ 36.6559, 51.5172,
30.8977

■ 81.6040, 73.1080,
104.4180

■ 32.3282, 49.4384,
23.8191

■ 28.8770, 47.7806,
18.1740

■ 26.2425, 46.5151,
13.8646

■ 24.3574, 45.6096,
10.7810

■ 23.1438, 45.0266,
8.7957

■ 22.5068, 44.7206,
7.7535

Harmonies

Analogous

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



56.4547, 60.5272, 59.2536



55.4168, 60.5272, 61.5855



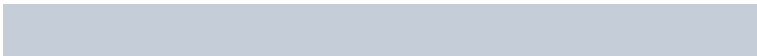
54.9456, 60.5272, 65.1450

Triad

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



55.4168, 60.5272, 61.5855



57.2637, 60.5272, 73.7060



59.9678, 60.5272, 62.8553

Complementary

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



55.4168, 60.5272, 61.5855



56.9630, 57.7043, 67.1701

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.



60.1927, 60.5272, 66.6685



55.4168, 60.5272, 61.5855



58.6174, 60.5272, 73.0339

Square

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



55.4168, 60.5272, 61.5855



56.0010, 60.5272, 72.2212



59.6948, 60.5272, 70.4195



59.0851, 60.5272, 59.9660

Rectangle

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



55.4168, 60.5272, 61.5855



55.0109, 60.5272, 67.7750



59.6948, 60.5272, 70.4195



60.1234, 60.5272, 64.0674

Sweetspot

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



55.4185, 60.5298, 61.5868



93.7102, 99.3564, 106.7085



58.1257, 61.9254, 61.7132



20.0720, 21.2731, 22.8631



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.



55.4185, 60.5298, 61.5868



87.2772, 96.2663, 96.1864



56.0013, 60.7629, 64.6558



12.1288, 13.4332, 13.3196



14.0581, 28.1162, 4.6863



0.7860, 1.5721, 0.2621

Inverse Universe

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



56.9630, 57.7043, 67.1701



90.3617, 90.6236, 107.3367



56.3610, 57.4635, 64.0000



12.5958, 12.5790, 15.0077



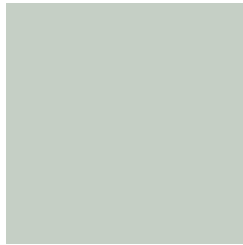
23.3075, 11.1958, 38.1212



1.3032, 0.6260, 2.1315

Previews

White Background



This preview shows how the XYZ color 55.4168, 60.5272, 61.5855 looks on a white background.

Color Contrast Check

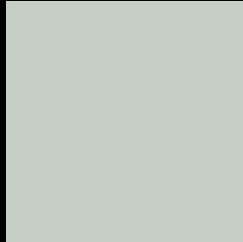
Large Text (above 18pt) WCAG AA × Fail

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 55.4168, 60.5272, 61.5855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

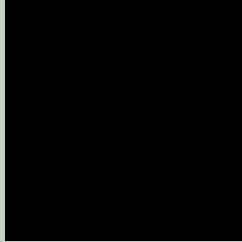
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

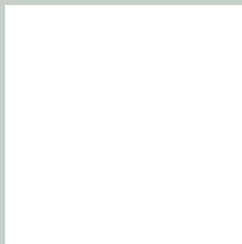
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4168, 60.5272, 61.5855

Background



This preview shows how black text looks on a background with the XYZ color 55.4168, 60.5272, 61.5855.



This preview shows how white text looks on a background with the XYZ color 55.4168, 60.5272,

61.5855.

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

55.4168, 60.5272, 61.5855

Protanopia

57.7846, 60.3536, 60.2336

Deuteranopia

61.6391, 60.2248, 62.4086



Tritanopia

58.5985, 60.7705, 76.3516

Trichromacy



Original Color

55.4168, 60.5272, 61.5855

Protanomaly

56.7335, 60.1504, 60.8446

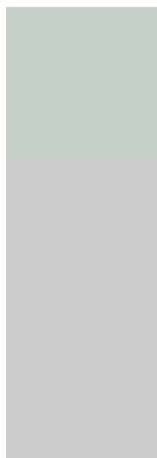
Deuteranomaly

59.1040, 60.2976, 61.9496

Tritanomaly

57.5344, 60.6955, 70.9704

Monochromacy



Original Color

55.4168, 60.5272, 61.5855

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2229, 59.8203, 63.8415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4168, 60.5272, 61.5855 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 207, 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(197, 207, 197) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.4168, 60.5272, 61.5855 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, 197) }
```


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

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

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, 197)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 55.4168, 60.5272, 61.5855 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, 197) }
```

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

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