

Converting Colors

XYZ(55.3232, 58.4625, 61.6913)

Have a look what the booklet for
XYZ(55.3232, 58.4625, 61.6913)
contains.

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Color

**XYZ(55.1671, 58.2680,
61.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9C6
RGB	201, 201, 198
RGB Percent	79%, 79%, 78%
CMY	0.2118, 0.2117, 0.2235
CMYK	0.00, 0.00, 0.01, 0.21
HSL	60°, 3%, 78%
HSV	60°, 1%, 79%
XYZ	55.1671, 58.2680, 61.7653
YIQ	200.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

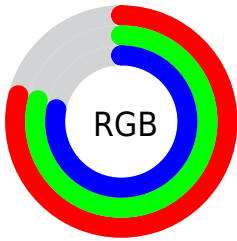
Format	Color
RYB	198, 201, 198
Decimal	13224390
CIELab	80.89, -0.54, 1.49
CIElCh	81, 1.582, 109.993
Yxy	58.2680, 0.3149, 0.3326
Android (android.graphics.Color)	4291414470 (0xFFC9C9C6)
YUV	200.6580, -1.3104, 0.2999
Hunter-Lab	76.3335, -4.5795, 5.4589

Details

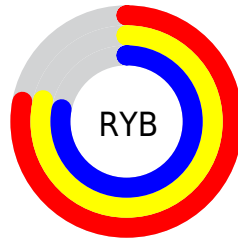
The XYZ color **55.1671, 58.2680, 61.7653** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0276, 56.6125, 63.3410**, and the grayscale version is **55.3145, 58.1952, 63.3745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.5004, 29.0841, 30.5499** is the 20% darker color. If you saturate the color by 10%, you get **52.9954, 57.4005, 50.3536**, and if you desaturate by 10%, it is **57.6499, 59.2637, 74.8002**.

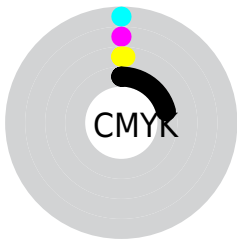
Distribution



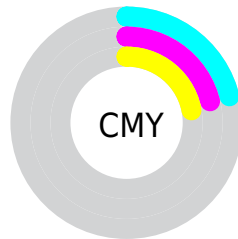
- Red (79%)
- Green (79%)
- Blue (78%)



- Red (78%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1671, 58.2680, 61.7653 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 55.1671, 58.2680, 61.7653 by changing the saturation by 10% instead.

■ 55.1671, 58.2680,
61.7653

■ 55.1671, 58.2680,
61.7653

396.6712,
418.1838, 449.0585

■ 39.7699, 42.0241,
44.4085

96.9326, 102.3130,
108.9546

■ 27.5426, 29.1202,
30.6522

124.0317,
130.8830, 139.6241

■ 18.1198, 19.1718,
20.0779

155.7620,
164.3304, 175.5683

■ 11.1363, 11.7945,
12.2671

192.4891,
203.0398, 217.2058

■ 6.2265, 6.6039,
6.8011

234.5782,
247.3954, 264.9550

■ 3.0253, 3.2156,
3.2615

282.3946,

■ 1.1671, 1.2453,

297.7817, 319.2345

1.2296

336.3038,
354.5830, 380.4628

■ 0.0802, 0.0983,
0.0031

■ 0.0000, 0.0000,
0.0000

■ 55.1671, 58.2680,
61.7653

■ 55.1671, 58.2680,
61.7653

■ 52.9954, 57.4005,
50.3536

■ 57.6499, 59.2637,
74.8002

■ 51.1177, 56.6487,
40.4979

■ 60.4501, 60.3845,
89.5142

■ 49.5229, 56.0101,
32.1319

■ 63.0439, 61.4227,
103.1407

■ 48.1973, 55.4791,
25.1833

■ 63.0500, 61.4258,
103.1410

■ 47.1260, 55.0499,
19.5735

■ 63.0561, 61.4290,
103.1413

■ 46.2925, 54.7158,
15.2165

■ 63.0622, 61.4321,
103.1416

■ 45.6787, 54.4696,
12.0161

■ 63.0684, 61.4353,
103.1419

■ 45.2637, 54.3028,
9.8624

■ 63.0745, 61.4385,
103.1422

■ 45.0225, 54.2057,
8.6241

■ 63.0806, 61.4416,
103.1425

Harmonies

Analogous

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



55.4914, 58.2680, 61.6856



55.1671, 58.2680, 61.7653



54.9014, 58.2680, 62.2923

Triad

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



55.1671, 58.2680, 61.7653



54.9784, 58.2680, 64.8345



56.0040, 58.2680, 63.7576

Complementary

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



55.1671, 58.2680, 61.7653



54.0276, 56.6125, 63.3410

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.



55.8654, 58.2680, 64.6097



55.1671, 58.2680, 61.7653



55.2727, 58.2680, 65.2354

Square

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



55.1671, 58.2680, 61.7653



54.7927, 58.2680, 64.0622



55.5974, 58.2680, 65.1527



55.9755, 58.2680, 62.8297

Rectangle

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



55.1671, 58.2680, 61.7653



54.7928, 58.2680, 62.8293



55.5974, 58.2680, 65.1527



55.9754, 58.2680, 64.0626

Sweetspot

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



55.1687, 58.2705, 61.7666

95.0500, 100.0000, 108.9000



54.4763, 56.8843, 61.5355



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.



55.1687, 58.2705, 61.7666



94.2375, 99.6748, 104.6326



54.7679, 58.0639, 61.7478



11.8785, 12.5588, 13.2203



28.2401, 34.0536, 5.0846



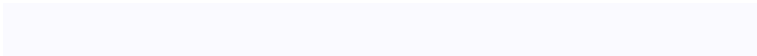
1.3376, 1.6126, 0.2408

Inverse Universe

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



54.0276, 56.6125, 63.3410



91.5951, 95.8357, 108.2783



54.4245, 56.8171, 63.3596



11.5704, 12.1112, 13.6454



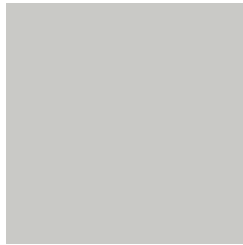
6.6311, 2.6527, 34.9069



0.3144, 0.1258, 1.6529

Previews

White Background



This preview shows how the XYZ color 55.1671, 58.2680, 61.7653 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 55.1671, 58.2680, 61.7653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

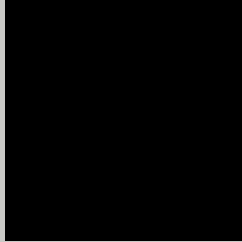
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

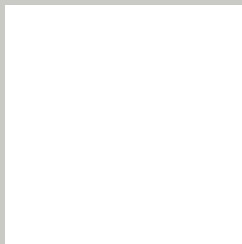
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1671, 58.2680, 61.7653

Background



This preview shows how black text looks on a background with the XYZ color 55.1671, 58.2680, 61.7653.



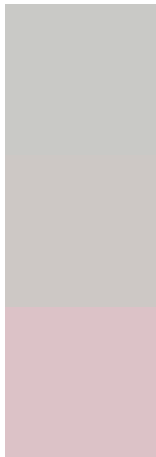
This preview shows how white text looks on a background with the XYZ color 55.1671, 58.2680, 61.7653.

61.7653.

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

55.1671, 58.2680, 61.7653

Protanopia

55.9092, 58.3189, 61.1333

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

57.1896, 58.3984, 71.8761

Trichromacy



Original Color

55.1671, 58.2680, 61.7653

Protanomaly

55.6342, 58.1771, 61.1204

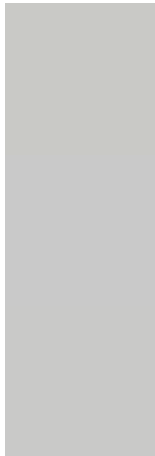
Deuteranomaly

57.7156, 58.2022, 62.2250

Tritanomaly

56.3966, 58.4192, 67.9781

Monochromacy



Original Color

55.1671, 58.2680, 61.7653

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3994, 58.3609, 62.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1671, 58.2680, 61.7653 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(201, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 198)  
}
```

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(201, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.1671, 58.2680, 61.7653 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(201, 201, 198) }
```

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

```
.border{ border-color:rgb(201, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 55.1671, 58.2680, 61.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 198) }
```

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

```
.background{ background-color: rgb(201,  
201, 198) }
```

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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