

Converting Colors

XYZ(51.9056, 55.0747, 58.0100)

Have a look what the booklet for
XYZ(51.9056, 55.0747, 58.0100)
contains.

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Color

**XYZ(51.7600, 54.8877,
57.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4C0
RGB	195, 196, 192
RGB Percent	76%, 77%, 75%
CMY	0.2353, 0.2314, 0.2471
CMYK	0.01, 0.00, 0.02, 0.23
HSL	75°, 3%, 76%
HSV	75°, 2%, 77%
XYZ	51.7600, 54.8877, 57.7355
YIQ	195.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

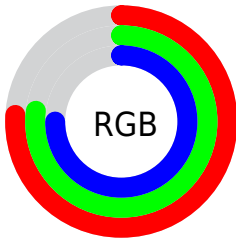
Format	Color
RYB	192, 196, 193
Decimal	12829888
CIELab	78.98, -1.07, 1.87
CIElCh	79, 2.159, 119.800
Yxy	54.8877, 0.3149, 0.3339
Android (android.graphics.Color)	4291019968 (0xFFC3C4C0)
YUV	195.2450, -1.5998, -0.2149
Hunter-Lab	74.0862, -4.9427, 5.6556

Details

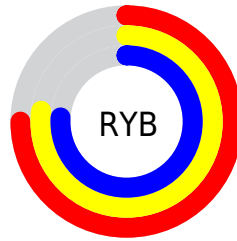
The XYZ color **51.7600, 54.8877, 57.7355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8079, 53.0237, 59.7841**, and the grayscale version is **52.0280, 54.7376, 59.6092**.

A 20% lighter version of the original color is **92.2134, 97.7233, 102.8093**, and **25.3177, 26.8728, 28.2787** is the 20% darker color. If you saturate the color by 10%, you get **48.4831, 53.4344, 46.9904**, and if you desaturate by 10%, it is **55.3711, 56.4830, 70.0083**.

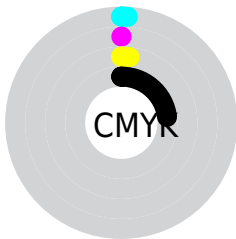
Distribution



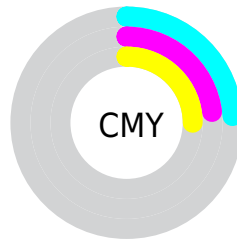
- Red (76%)
- Green (77%)
- Blue (75%)



- Red (75%)
- Yellow (77%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7600, 54.8877, 57.7355 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 51.7600, 54.8877, 57.7355 by changing the saturation by 10% instead.

■ 51.7600, 54.8877,
57.7355

■ 51.7600, 54.8877,
57.7355

383.8486,
405.4861, 433.7703

■ 37.0373, 39.3118,
41.1828

■ 91.9535, 97.3764,
103.0486

■ 25.4102, 27.0024,
28.1411

118.1551,
125.0580, 132.6459

■ 16.5133, 17.5750,
18.1921

148.9136,
157.5436, 167.4286

■ 9.9812, 10.6453,
10.9171

184.5945,
195.2177, 207.8151

■ 5.4487, 5.8289,
5.8977

225.5630,
238.4646, 254.2240

■ 2.5503, 2.7413,
2.7152

272.1847,

■ 0.9207, 0.9982,

287.6687, 307.0738

0.9511

324.8247,
343.2144, 366.7831

■ 0.0000, 0.0000,
0.0000

■ 51.7600, 54.8877,
57.7355

■ 51.7600, 54.8877,
57.7355

■ 48.4831, 53.4344,
46.9904

■ 55.3711, 56.4830,
70.0083

■ 45.5239, 52.1113,
37.7098

■ 59.3228, 58.2176,
83.8617

■ 42.8716, 50.9156,
29.8309

■ 63.6273, 60.0983,
99.3505

■ 40.5127, 49.8420,
23.2855

■ 65.7141, 61.0969,
102.9371

■ 38.4328, 48.8846,
17.9995

■ 67.1758, 61.8504,
103.0055

■ 36.6160, 48.0370,
13.8914

■ 68.6811, 62.6264,
103.0760

■ 35.0446, 47.2922,
10.8704

■ 70.2304, 63.4251,
103.1485

■ 33.6983, 46.6419,
8.8322

■ 71.8242, 64.2468,
103.2231

■ 32.5532, 46.0765,
7.6525

■ 73.4628, 65.0915,
103.2997

Harmonies

Analogous

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



52.1720, 54.8877, 57.4306



51.7600, 54.8877, 57.7355



51.4590, 54.8877, 58.5822

Triad

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



51.7600, 54.8877, 57.7355



51.7550, 54.8877, 61.8297



52.9988, 54.8877, 59.7716

Complementary

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



51.7600, 54.8877, 57.7355



50.8079, 53.0237, 59.7841

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.



52.8857, 54.8877, 60.9603



51.7600, 54.8877, 57.7355



52.1662, 54.8877, 62.1585

Square

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



51.7600, 54.8877, 57.7355



51.4561, 54.8877, 60.9458



52.5804, 54.8877, 61.8382



52.8886, 54.8877, 58.5963

Rectangle

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



51.7600, 54.8877, 57.7355



51.3610, 54.8877, 59.3457



52.5804, 54.8877, 61.8382



52.9857, 54.8877, 60.1830

Sweetspot

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



51.7615, 54.8901, 57.7367



94.4073, 99.7158, 106.7411



51.3512, 53.6831, 57.5254



20.2138, 21.3463, 22.8697



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.



51.7615, 54.8901, 57.7367



93.7708, 99.4342, 104.6108



51.2485, 54.6256, 57.7127



11.1969, 11.8658, 12.5176



20.4820, 29.3877, 4.5929



0.9450, 1.3007, 0.2013

Inverse Universe

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



50.8079, 53.0237, 59.7841



92.0525, 96.0715, 108.2997



51.3210, 53.2882, 59.8081



11.0078, 11.4957, 12.9236



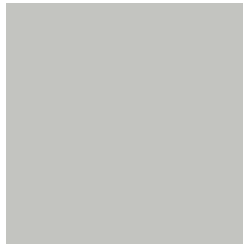
7.2879, 3.0175, 33.7549



0.3806, 0.1643, 1.4615

Previews

White Background



This preview shows how the XYZ color 51.7600, 54.8877, 57.7355 looks on a white background.

Color Contrast Check

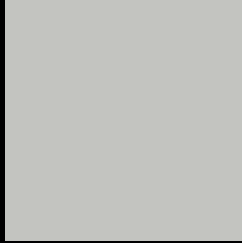
Large Text (above 18pt) WCAG AA × Fail

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 51.7600, 54.8877, 57.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

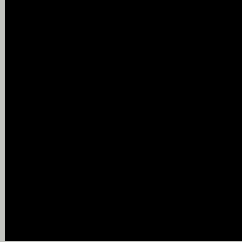
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

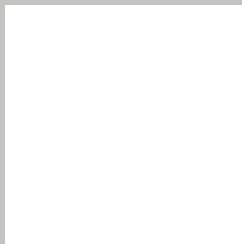
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7600, 54.8877, 57.7355

Background



This preview shows how black text looks on a background with the XYZ color 51.7600, 54.8877, 57.7355.



This preview shows how white text looks on a background with the XYZ color 51.7600, 54.8877,

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

51.7600, 54.8877, 57.7355

Protanopia

52.7385, 55.0712, 57.1404

Deuteranopia

55.8476, 54.6925, 58.0653



Tritanopia

53.8673, 54.7491, 68.0501

Trichromacy



Original Color

51.7600, 54.8877, 57.7355

Protanomaly

52.2078, 54.7976, 57.1156

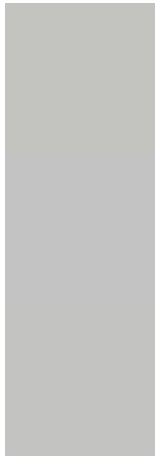
Deuteranomaly

54.4877, 54.9594, 58.1885

Tritanomaly

53.0972, 54.7657, 64.2722

Monochromacy



Original Color

51.7600, 54.8877, 57.7355

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7584, 54.5274, 58.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7600, 54.8877, 57.7355 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(195, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 192)  
}
```

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(195, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.7600, 54.8877, 57.7355 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(195, 196, 192) }
```


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

```
.border{ border-color:rgb(195, 196, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7600, 54.8877, 57.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 192) }
```

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

```
.background{ background-color: rgb(195,  
196, 192) }
```

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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