

Converting Colors

XYZ(51.5140, 55.2111, 57.7096)

Have a look what the booklet for
XYZ(51.5140, 55.2111, 57.7096)
contains.

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Color

**XYZ(51.4730, 55.0757,
57.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C5C0
RGB	193, 197, 192
RGB Percent	76%, 77%, 75%
CMY	0.2431, 0.2274, 0.2471
CMYK	0.02, 0.00, 0.03, 0.23
HSL	108°, 4%, 76%
HSV	108°, 3%, 77%
XYZ	51.4730, 55.0757, 57.7869
YIQ	195.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

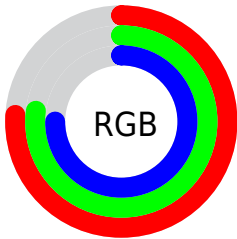
Format	Color
RYB	192, 197, 196
Decimal	12699072
CIELab	79.08, -2.30, 2.01
CIElCh	79, 3.053, 138.767
Yxy	55.0757, 0.3132, 0.3351
Android (android.graphics.Color)	4290889152 (0xFFC1C5C0)
YUV	195.2340, -1.5944, -1.9592
Hunter-Lab	74.2130, -6.0679, 5.7822

Details

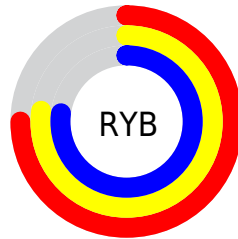
The XYZ color **51.4730, 55.0757, 57.7869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6947, 53.4677, 60.4218**, and the grayscale version is **52.0221, 54.7313, 59.6024**.

A 20% lighter version of the original color is **91.4520, 97.8007, 102.8643**, and **25.2979, 27.0845, 28.3206** is the 20% darker color. If you saturate the color by 10%, you get **45.6285, 52.2999, 46.8714**, and if you desaturate by 10%, it is **58.0412, 58.1940, 70.2638**.

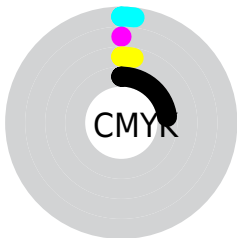
Distribution



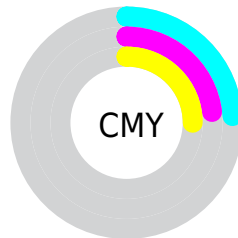
- Red (76%)
- Green (77%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4730, 55.0757, 57.7869 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 51.4730, 55.0757, 57.7869 by changing the saturation by 10% instead.

■ 51.4730, 55.0757,
57.7869

■ 51.4730, 55.0757,
57.7869

382.7562,
406.1988, 433.9675

■ 36.8078, 39.4623,
41.2238

■ 91.5324, 97.6519,
103.1242

■ 25.2317, 27.1196,
28.1730

117.6573,
125.3834, 132.7354

■ 16.3794, 17.6631,
18.2159

148.3327,
157.9232, 167.5331

■ 9.8856, 10.7084,
10.9341

183.9241,
195.6556, 207.9358

■ 5.3848, 5.8711,
5.9089

224.7968,
238.9649, 254.3621

■ 2.5118, 2.7668,
2.7219

271.3161,

■ 0.9012, 1.0113,

288.2357, 307.2304

0.9544

323.8475,
343.8522, 366.9594

■ 0.0000, 0.0000,
0.0000

■ 51.4730, 55.0757,
57.7869

■ 51.4730, 55.0757,
57.7869

■ 45.6285, 52.2999,
46.8714

■ 58.0412, 58.1940,
70.2638

■ 40.4781, 49.8479,
37.4524

■ 65.3521, 61.6585,
84.3564

■ 35.9971, 47.7100,
29.4658

■ 73.4299, 65.4822,
100.1209

■ 32.1574, 45.8732,
22.8413

■ 79.2573, 68.4146,
103.6358

■ 28.9290, 44.3237,
17.5028

■ 26.2794, 43.0466,
13.3668

■ 24.1729, 42.0255,
10.3398

■ 22.5696, 41.2421,
8.3146

■ 21.4234, 40.6756,
7.1627

Harmonies

Analogous

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



51.9724, 55.0757, 56.8516



51.4730, 55.0757, 57.7869



51.2088, 55.0757, 59.3178

Triad

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



51.4730, 55.0757, 57.7869



52.1203, 55.0757, 63.3145



53.4632, 55.0757, 58.8967

Complementary

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



51.4730, 55.0757, 57.7869



51.6947, 53.4677, 60.4218

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.



53.5036, 55.0757, 60.6230



51.4730, 55.0757, 57.7869



52.7250, 55.0757, 63.1964

Square

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



51.4730, 55.0757, 57.7869



51.5806, 55.0757, 62.5230



53.2325, 55.0757, 62.2035



53.1226, 55.0757, 57.4837

Rectangle

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



51.4730, 55.0757, 57.7869



51.2002, 55.0757, 60.4802



53.2325, 55.0757, 62.2035



53.5124, 55.0757, 59.4589

Sweetspot

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



51.4745, 55.0781, 57.7881



93.8954, 99.4519, 106.7171



52.2826, 55.1584, 57.7610



20.1097, 21.2926, 22.8649



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.



51.4745, 55.0781, 57.7881



91.6264, 98.3745, 102.4381



51.3877, 55.0140, 58.6567



11.4437, 12.3453, 12.7190



13.7478, 26.5825, 4.4064



0.7112, 1.2897, 0.2115

Inverse Universe

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



51.6947, 53.4677, 60.4218



92.0976, 94.9270, 108.0764



51.7845, 53.5338, 59.5325



11.5165, 11.8125, 13.5905



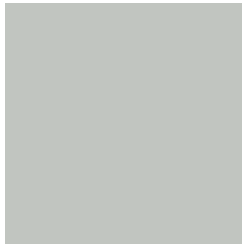
15.9241, 7.4434, 35.3418



0.8083, 0.3805, 1.6760

Previews

White Background



This preview shows how the XYZ color 51.4730, 55.0757, 57.7869 looks on a white background.

Color Contrast Check

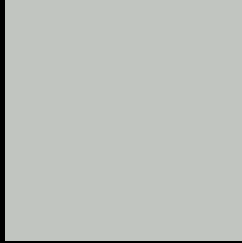
Large Text (above 18pt) WCAG AA × Fail

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 51.4730, 55.0757, 57.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

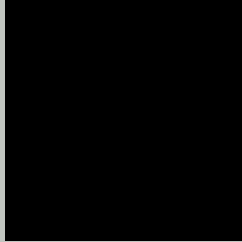
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4730, 55.0757, 57.7869

Background



This preview shows how black text looks on a background with the XYZ color 51.4730, 55.0757, 57.7869.



This preview shows how white text looks on a background with the XYZ color 51.4730, 55.0757,

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

51.4730, 55.0757, 57.7869

Protanopia

52.7385, 55.0712, 57.1404

Deuteranopia

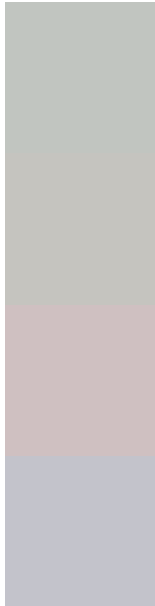
55.9595, 54.7373, 58.6549



Tritanopia

53.6896, 54.9725, 68.7538

Trichromacy



Original Color

51.4730, 55.0757, 57.7869

Protanomaly

52.1699, 55.1118, 57.1782

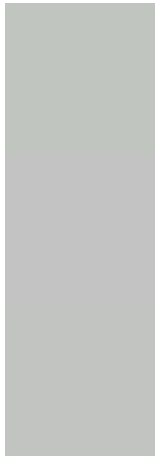
Deuteranomaly

54.2074, 54.8149, 58.1754

Tritanomaly

52.8003, 54.9441, 64.3223

Monochromacy



Original Color

51.4730, 55.0757, 57.7869

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7257, 54.8442, 58.8987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4730, 55.0757, 57.7869 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(193, 197, 192) looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 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(193, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.4730, 55.0757, 57.7869 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(193, 197, 192) }
```


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

```
.border{ border-color:rgb(193, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4730, 55.0757, 57.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 192) }
```

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

```
.background{ background-color: rgb(193,  
197, 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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