

Converting Colors

XYZ(51.5485, 55.5563, 67.1765)

Have a look what the booklet for
XYZ(51.5485, 55.5563, 67.1765)
contains.

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Color

**XYZ(51.4531, 55.5422,
67.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C7CF
RGB	184, 199, 207
RGB Percent	72%, 78%, 81%
CMY	0.2784, 0.2196, 0.1882
CMYK	0.11, 0.04, 0.00, 0.19
HSL	201°, 19%, 77%
HSV	201°, 11%, 81%
XYZ	51.4531, 55.5422, 67.0403
YIQ	195.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

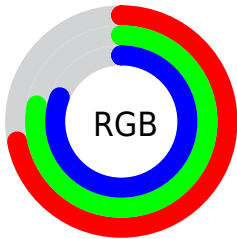
Format	Color
RYB	184, 193, 207
Decimal	12109775
CIELab	79.35, -3.50, -5.75
CIELCh	79, 6.728, 238.633
Yxy	55.5422, 0.2956, 0.3191
Android (android.graphics.Color)	4290299855 (0xFFB8C7CF)
YUV	195.4270, 5.7055, -10.0215
Hunter-Lab	74.5266, -7.1854, -1.1656

Details

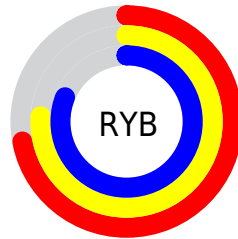
The XYZ color **51.4531, 55.5422, 67.0403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2338, 54.4251, 53.0479**, and the grayscale version is **52.0997, 54.8129, 59.6913**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **25.2352, 27.3760, 34.0910** is the 20% darker color. If you saturate the color by 10%, you get **45.2361, 49.9380, 66.2871**, and if you desaturate by 10%, it is **58.4773, 61.6817, 67.8560**.

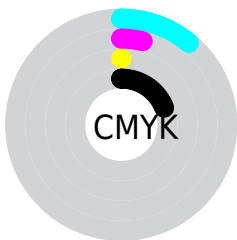
Distribution



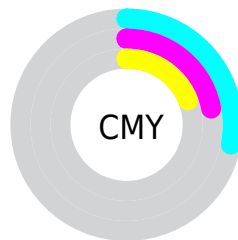
- Red (72%)
- Green (78%)
- Blue (81%)



- Red (72%)
- Yellow (76%)
- Blue (81%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4531, 55.5422, 67.0403 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 51.4531, 55.5422, 67.0403 by changing the saturation by 10% instead.

■ 51.4531, 55.5422,
67.0403

■ 51.4531, 55.5422,
67.0403

382.6803,
407.9639, 468.5936

■ 36.7918, 39.8360,
48.6556

■ 91.5032, 98.3349,
116.6194

■ 25.2193, 27.4107,
33.9827

117.6227,
126.1902, 148.6508

■ 16.3701, 17.8819,
22.6030

148.2924,
158.8640, 186.0681

■ 9.8789, 10.8652,
14.0981

183.8776,
196.7406, 229.2900

■ 5.3804, 5.9763,
8.0494

224.7436,
240.2046, 278.7350

■ 2.5092, 2.8307,
4.0384

271.2558,

■ 0.8999, 1.0440,

289.6402, 334.8215

1.6464

323.7796,
345.4318, 397.9682

■ 0.0000, 0.0000,
0.3236

■ 0.0000, 0.0000,
0.0000

■ 51.4531, 55.5422,
67.0403

■ 51.4531, 55.5422,
67.0403

■ 45.2361, 49.9380,
66.2871

■ 58.4773, 61.6817,
67.8560

■ 39.7889, 44.8440,
65.5910

■ 66.3344, 68.3670,
68.7323

■ 35.0784, 40.2428,
64.9511

■ 75.0547, 75.6166,
69.6720

■ 31.0670, 36.1134,
64.3655

■ 80.1895, 81.1387,
70.4672

■ 27.7136, 32.4329,
63.8318

■ 82.2086, 85.1770,
71.1403

■ 24.9724, 29.1760,
63.3477

■ 84.3111, 89.3820,
71.8411

■ 22.7910, 26.3139,
62.9102

■ 86.4979, 93.7557,
72.5700

■ 21.1073, 23.8128,
62.5162

■ 88.2626, 97.2851,
73.1583

■ 19.9304, 21.8405,
62.1975

Harmonies

Analogous

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



50.5481, 55.5422, 64.1045



51.4531, 55.5422, 67.0403



52.7294, 55.5422, 68.2071

Triad

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



51.4531, 55.5422, 67.0403



55.4258, 55.5422, 60.6533



51.5585, 55.5422, 54.1900

Complementary

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



51.4531, 55.5422, 67.0403



53.2338, 54.4251, 53.0479

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.



52.8531, 55.5422, 53.3523



51.4531, 55.5422, 67.0403



55.0997, 55.5422, 56.9871

Square

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



51.4531, 55.5422, 67.0403



55.0361, 55.5422, 64.4240



54.1523, 55.5422, 54.3548



50.6082, 55.5422, 56.6927

Rectangle

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



51.4531, 55.5422, 67.0403



53.6239, 55.5422, 67.7886



54.1523, 55.5422, 54.3548



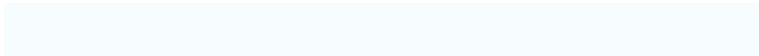
51.9671, 55.5422, 53.7092

Sweetspot

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



51.4547, 55.5445, 67.0415



91.4486, 96.8925, 108.4900



51.5585, 58.6080, 58.2718



19.3722, 20.5641, 23.1982



0.0000, 0.0000, 0.0000



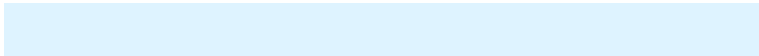
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4547, 55.5445, 67.0415



80.3208, 87.1110, 107.1885



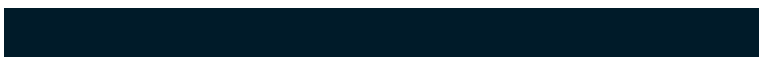
48.9783, 50.5917, 66.2161



11.7980, 12.6862, 15.0705



12.6483, 13.9432, 39.2172



0.7799, 0.9250, 2.2170

Inverse Universe

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



53.1827, 51.6711, 61.2060



83.5708, 79.9226, 96.1915



55.7801, 59.5177, 53.8966



12.1289, 11.9363, 13.9547



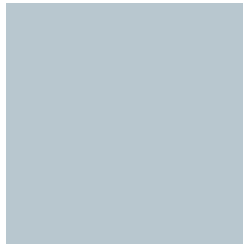
19.0150, 9.4788, 15.5171



1.0999, 0.5447, 1.0608

Previews

White Background



This preview shows how the XYZ color 51.4531, 55.5422, 67.0403 looks on a white background.

Color Contrast Check

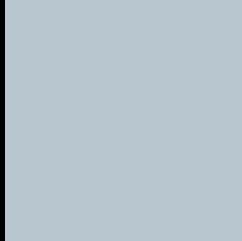
Large Text (above 18pt) WCAG AA × Fail

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 51.4531, 55.5422, 67.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

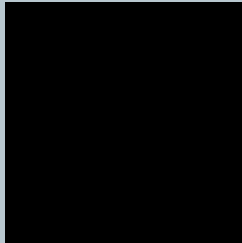
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

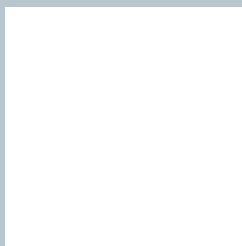
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4531, 55.5422, 67.0403

Background



This preview shows how black text looks on a background with the XYZ color 51.4531, 55.5422, 67.0403.



This preview shows how white text looks on a background with the XYZ color 51.4531, 55.5422,

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

51.4531, 55.5422, 67.0403

Protanopia

53.5605, 55.3083, 65.6102

Deuteranopia

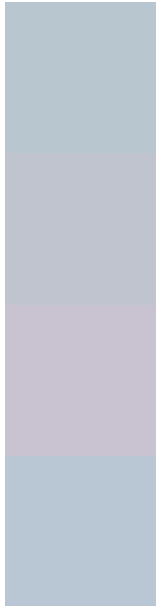
56.7178, 55.5667, 68.0577



Tritanopia

52.3393, 55.5575, 71.5834

Trichromacy



Original Color

51.4531, 55.5422, 67.0403

Protanomaly

52.6187, 55.1426, 66.2628

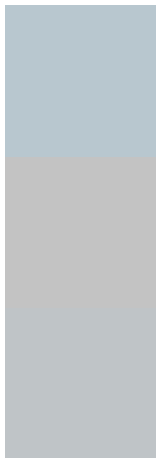
Deuteranomaly

54.7643, 55.5551, 67.5113

Tritanomaly

51.9595, 55.4056, 69.5838

Monochromacy



Original Color

51.4531, 55.5422, 67.0403

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5346, 54.6797, 61.8709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4531, 55.5422, 67.0403 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(184, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 207)  
}
```

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(184, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.4531, 55.5422, 67.0403 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(184, 199, 207) }
```


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

```
.border{ border-color:rgb(184, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4531, 55.5422, 67.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 207) }
```

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

```
.background{ background-color: rgb(184,  
199, 207) }
```

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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