

Converting Colors

XYZ(51.3393, 54.8338, 67.6210)

Have a look what the booklet for
XYZ(51.3393, 54.8338, 67.6210)
contains.

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Color

**XYZ(51.3590, 54.8009,
67.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C5D0
RGB	185, 197, 208
RGB Percent	73%, 77%, 82%
CMY	0.2745, 0.2274, 0.1843
CMYK	0.11, 0.05, 0.00, 0.18
HSL	209°, 20%, 77%
HSV	209°, 11%, 82%
XYZ	51.3590, 54.8009, 67.5452
YIQ	194.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

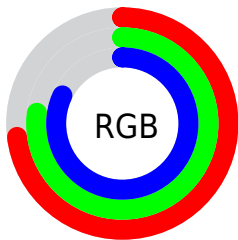
Format	Color
R _Y B	185, 193, 208
Decimal	12174800
CIE Lab	78.93, -1.91, -6.91
CIE LCh	79, 7.166, 254.508
Yxy	54.8009, 0.2957, 0.3155
Android (android.graphics.Color)	4290364880 (0xFFB9C5D0)
YUV	194.6660, 6.5737, -8.4771
Hunter-Lab	74.0276, -5.7084, -2.2788

Details

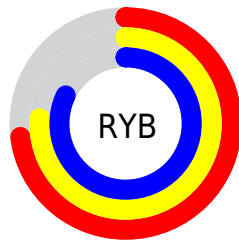
The XYZ color **51.3590, 54.8009, 67.5452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5095, 56.3921, 53.9117**, and the grayscale version is **51.6411, 54.3305, 59.1659**.

A 20% lighter version of the original color is **89.7674, 96.8044, 108.5616**, and **25.1709, 26.8835, 34.4342** is the 20% darker color. If you saturate the color by 10%, you get **44.5197, 48.0340, 66.6004**, and if you desaturate by 10%, it is **59.0846, 62.2489, 68.5765**.

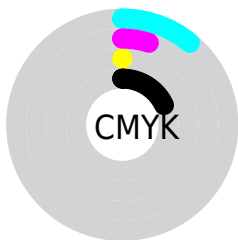
Distribution



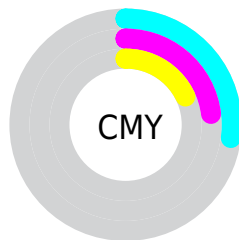
- Red (73%)
- Green (77%)
- Blue (82%)



- Red (73%)
- Yellow (76%)
- Blue (82%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3590, 54.8009, 67.5452 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 51.3590, 54.8009, 67.5452 by changing the saturation by 10% instead.

■ 51.3590, 54.8009,
67.5452

■ 51.3590, 54.8009,
67.5452

382.3217,
405.1568, 470.4372

■ 36.7166, 39.2423,
49.0634

■ 91.3651, 97.2492,
117.3493

■ 25.1608, 26.9483,
34.3039

117.4594,
124.9077, 149.5088

■ 16.3263, 17.5344,
22.8479

148.1018,
157.3683, 187.0646

■ 9.8476, 10.6162,
14.2770

183.6576,
195.0154, 230.4352

■ 5.3595, 5.8094,
8.1726

224.4921,
238.2334, 280.0393

■ 2.4966, 2.7295,
4.1162

270.9707,

■ 0.8936, 0.9922,

287.4067, 336.2952

1.6893

323.4588,
342.9197, 399.6217

■ 0.0000, 0.0000,
0.3534

■ 0.0000, 0.0000,
0.0000

■ 51.3590, 54.8009,
67.5452

■ 51.3590, 54.8009,
67.5452

■ 44.5197, 48.0340,
66.6004

■ 59.0846, 62.2489,
68.5765

■ 38.5274, 41.9191,
65.7359

■ 67.7242, 70.3919,
69.6929

■ 33.3465, 36.4352,
64.9505

■ 77.3104, 79.2521,
70.8978

■ 28.9372, 31.5571,
64.2413

■ 82.8473, 86.2581,
71.9583

■ 25.2559, 27.2578,
63.6055

■ 85.8036, 92.1708,
72.9437

■ 22.2541, 23.5074,
63.0398

■ 88.3853, 97.3341,
73.8043

■ 19.8769, 20.2727,
62.5407

■ 18.0592, 17.5148,
62.1042

■ 16.8061, 15.3956,
61.7612

Harmonies

Analogous

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



50.1591, 54.8009, 65.3337



51.3590, 54.8009, 67.5452



52.7752, 54.8009, 67.5831

Triad

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



51.3590, 54.8009, 67.5452



54.7813, 54.8009, 57.7269



50.1916, 54.8009, 54.2519

Complementary

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



51.3590, 54.8009, 67.5452



54.5095, 56.3921, 53.9117

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.



51.4040, 54.8009, 52.3980



51.3590, 54.8009, 67.5452



54.0628, 54.8009, 54.3414

Square

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



51.3590, 54.8009, 67.5452



54.7687, 54.8009, 61.7870



52.8211, 54.8009, 52.4299



49.4935, 54.8009, 57.5997

Rectangle

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



51.3590, 54.8009, 67.5452



53.6525, 54.8009, 66.3636



52.8211, 54.8009, 52.4299



50.5515, 54.8009, 53.4402

Sweetspot

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



51.3606, 54.8032, 67.5464



91.1355, 96.2663, 108.3856



52.4978, 59.4003, 60.7649



19.2877, 20.3950, 23.1700



0.0000, 0.0000, 0.0000



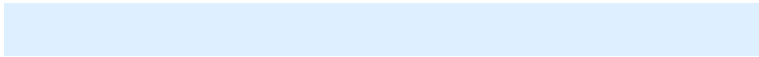
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3606, 54.8032, 67.5464



79.0387, 84.5468, 106.7611



48.9035, 49.8889, 66.7274



11.6668, 12.4239, 15.0268



10.5717, 9.7901, 38.5250



0.6703, 0.7058, 2.1805

Inverse Universe

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



53.4407, 52.1401, 60.0735



82.9236, 79.6638, 92.7837



57.1396, 61.6524, 54.7884



12.0627, 11.9098, 13.6061



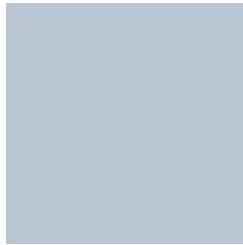
17.9669, 9.0596, 9.9976



1.0446, 0.5225, 0.7696

Previews

White Background



This preview shows how the XYZ color 51.3590, 54.8009, 67.5452 looks on a white background.

Color Contrast Check

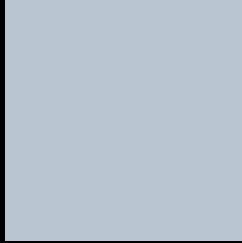
Large Text (above 18pt) WCAG AA × Fail

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 51.3590, 54.8009, 67.5452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

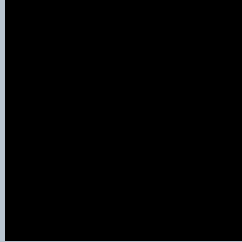
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

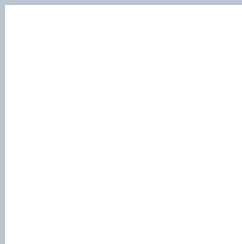
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3590, 54.8009, 67.5452

Background



This preview shows how black text looks on a background with the XYZ color 51.3590, 54.8009, 67.5452.

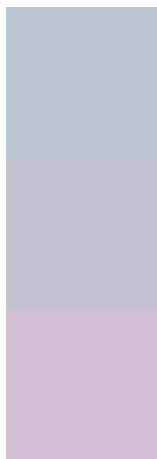


This preview shows how white text looks on a background with the XYZ color 51.3590, 54.8009,

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

51.3590, 54.8009, 67.5452

Protanopia

52.9380, 54.6419, 66.1493

Deuteranopia

55.9345, 54.8403, 67.9588



Tritanopia

51.8733, 54.6724, 70.1062

Trichromacy



Original Color

51.3590, 54.8009, 67.5452

Protanomaly

52.2634, 54.6116, 66.8180

Deuteranomaly

54.3980, 55.0227, 68.0750

Tritanomaly

51.7475, 54.6221, 69.4438

Monochromacy



Original Color

51.3590, 54.8009, 67.5452

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6511, 54.7264, 62.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3590, 54.8009, 67.5452 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(185, 197, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 208)  
}
```

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(185, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.3590, 54.8009, 67.5452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

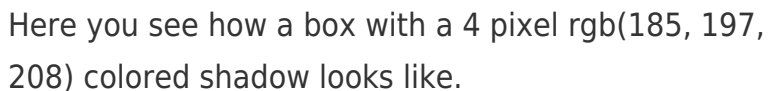
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 197, 208) }
```


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

```
.border{ border-color:rgb(185, 197, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 197, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3590, 54.8009, 67.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 208) }
```

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

```
.background{ background-color: rgb(185,  
197, 208) }
```

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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