

Converting Colors

XYZ(51.7414, 54.2777, 66.1432)

Have a look what the booklet for
XYZ(51.7414, 54.2777, 66.1432)
contains.

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Color

**XYZ(51.8909, 54.4336,
66.1643)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC3CE
RGB	190, 195, 206
RGB Percent	75%, 76%, 81%
CMY	0.2549, 0.2353, 0.1922
CMYK	0.08, 0.05, 0.00, 0.19
HSL	221°, 14%, 78%
HSV	221°, 8%, 81%
XYZ	51.8909, 54.4336, 66.1643
YIQ	194.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

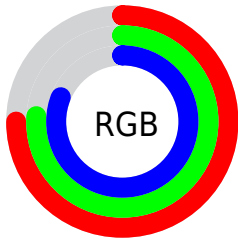
Format	Color
RYB	190, 194, 206
Decimal	12501966
CIELab	78.71, 0.40, -6.10
CIELCh	79, 6.115, 273.779
Yxy	54.4336, 0.3008, 0.3156
Android (android.graphics.Color)	4290692046 (0xFFBEC3CE)
YUV	194.7590, 5.5418, -4.1736
Hunter-Lab	73.7791, -3.5695, -1.5252

Details

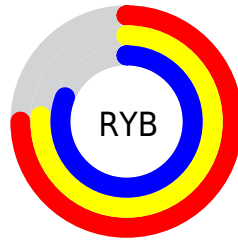
The XYZ color **51.8909, 54.4336, 66.1643** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6347, 58.6124, 57.0972**, and the grayscale version is **51.7005, 54.3930, 59.2340**.

A 20% lighter version of the original color is **90.8664, 96.4336, 108.4321**, and **25.5089, 26.6351, 33.5024** is the 20% darker color. If you saturate the color by 10%, you get **44.0817, 45.9208, 64.9336**, and if you desaturate by 10%, it is **60.7313, 63.9276, 67.5317**.

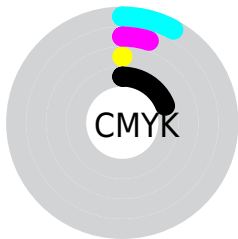
Distribution



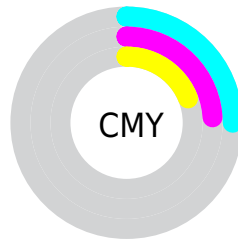
- Red (75%)
- Green (76%)
- Blue (81%)



- Red (75%)
- Yellow (76%)
- Blue (81%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (25%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8909, 54.4336, 66.1643 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 51.8909, 54.4336, 66.1643 by changing the saturation by 10% instead.

■ 51.8909, 54.4336,
66.1643

■ 51.8909, 54.4336,
66.1643

384.3462,
403.7613, 465.3845

■ 37.1420, 38.9484,
47.9485

■ 92.1455, 96.7106,
115.3514

■ 25.4917, 26.7196,
33.4264

118.3820,
124.2712, 147.1597

■ 16.5744, 17.3628,
22.1795

149.1783,
156.6258, 184.3359

■ 10.0249, 10.4935,
13.7893

184.8999,
194.1586, 227.2986

■ 5.4779, 5.7273,
7.8372

225.9122,
237.2542, 276.4662

■ 2.5679, 2.6800,
3.9047

272.5804,

■ 0.9296, 0.9671,

286.2969, 332.2574

1.5732

325.2699,
341.6712, 395.0906

■ 0.0000, 0.0000,
0.2716

■ 0.0000, 0.0000,
0.0000

■ 51.8909, 54.4336,
66.1643

■ 51.8909, 54.4336,
66.1643

■ 44.0817, 45.9208,
64.9336

■ 60.7313, 63.9276,
67.5317

■ 37.2604, 38.3500,
63.8318

■ 70.6348, 74.4265,
69.0362

■ 31.3873, 31.6894,
62.8557

■ 81.6376, 85.9621,
70.6829

■ 26.4182, 25.9026,
62.0007

■ 87.0781, 95.1111,
72.1621

■ 22.3054, 20.9507,
61.2616

■ 88.1407, 97.2363,
72.5163

■ 18.9961, 16.7915,
60.6332

■ 16.4316, 13.3787,
60.1097

■ 14.5439, 10.6601,
59.6844

■ 13.2398, 8.5690,
59.3495

Harmonies

Analogous

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



50.7171, 54.4336, 65.4452



51.8909, 54.4336, 66.1643



53.0410, 54.4336, 64.9774

Triad

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



51.8909, 54.4336, 66.1643



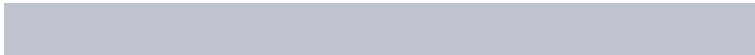
53.6941, 54.4336, 55.6434



49.6797, 54.4336, 56.3754

Complementary

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



51.8909, 54.4336, 66.1643



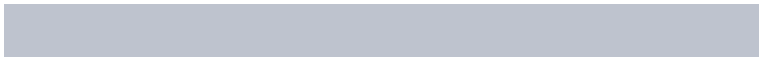
55.6347, 58.6124, 57.0972

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.



50.4556, 54.4336, 53.9050



51.8909, 54.4336, 66.1643



52.7716, 54.4336, 53.4940

Square

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



51.8909, 54.4336, 66.1643



54.0922, 54.4336, 58.8311



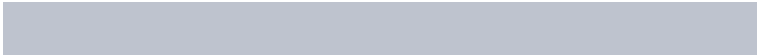
51.5844, 54.4336, 52.8701



49.4521, 54.4336, 59.7089

Rectangle

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



51.8909, 54.4336, 66.1643



53.6359, 54.4336, 63.2911



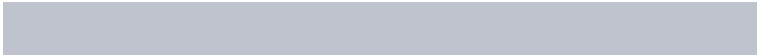
51.5844, 54.4336, 52.8701



49.8844, 54.4336, 55.4209

Sweetspot

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



51.8925, 54.4359, 66.1655



92.0904, 96.8294, 108.4440



53.8422, 59.3046, 63.8273



19.7422, 20.7588, 23.2163



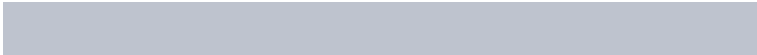
0.0000, 0.0000, 0.0000



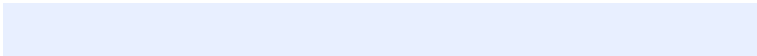
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8925, 54.4359, 66.1655



82.2777, 86.2496, 106.9191



51.5303, 52.6129, 65.8327



10.8832, 11.4068, 14.1985



8.0803, 5.1846, 36.5311



0.4849, 0.4035, 1.9073

Inverse Universe

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



53.7186, 53.8900, 59.2030



85.7241, 85.2467, 93.7727



56.0132, 60.5671, 57.4546



11.3544, 11.2705, 12.4009



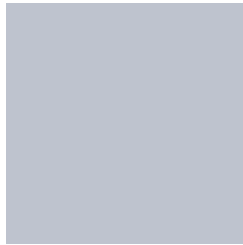
16.2895, 8.3264, 3.9770



0.8747, 0.4433, 0.3860

Previews

White Background



This preview shows how the XYZ color 51.8909, 54.4336, 66.1643 looks on a white background.

Color Contrast Check

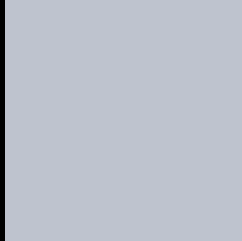
Large Text (above 18pt) WCAG AA × Fail

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 51.8909, 54.4336, 66.1643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

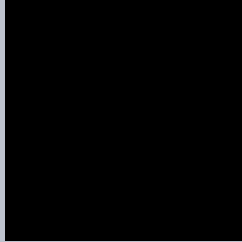
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

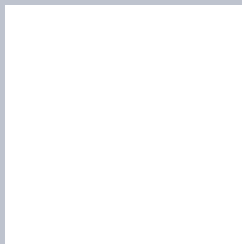
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8909, 54.4336, 66.1643

Background



This preview shows how black text looks on a background with the XYZ color 51.8909, 54.4336, 66.1643.

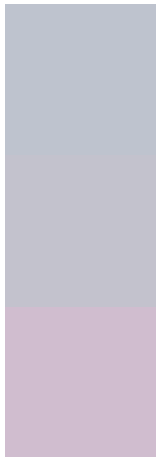


This preview shows how white text looks on a background with the XYZ color 51.8909, 54.4336,

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

51.8909, 54.4336, 66.1643

Protanopia

52.8169, 54.5935, 65.5114

Deuteranopia

55.4725, 54.3101, 66.5907



Tritanopia

52.4105, 54.3131, 68.6939

Trichromacy



Original Color

51.8909, 54.4336, 66.1643

Protanomaly

52.3036, 54.3288, 65.4874

Deuteranomaly

53.9807, 54.1841, 66.6450

Tritanomaly

52.2863, 54.2634, 68.0397

Monochromacy



Original Color

51.8909, 54.4336, 66.1643

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8162, 54.4912, 61.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8909, 54.4336, 66.1643 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(190, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 206)  
}
```

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(190, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.8909, 54.4336, 66.1643 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(190, 195, 206) }
```


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

```
.border{ border-color:rgb(190, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8909, 54.4336, 66.1643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 206) }
```

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

```
.background{ background-color: rgb(190,  
195, 206) }
```

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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