

Converting Colors

XYZ(52.5892, 54.9412, 66.5771)

Have a look what the booklet for
XYZ(52.5892, 54.9412, 66.5771)
contains.

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Color

**XYZ(52.5158, 54.7417,
66.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C3CF
RGB	192, 195, 207
RGB Percent	75%, 76%, 81%
CMY	0.2471, 0.2353, 0.1882
CMYK	0.07, 0.06, 0.00, 0.19
HSL	228°, 14%, 78%
HSV	228°, 7%, 81%
XYZ	52.5158, 54.7417, 66.8298
YIQ	195.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

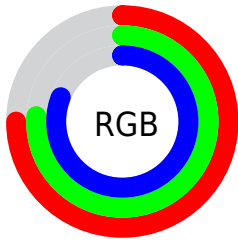
Format	Color
RYP	192, 195, 207
Decimal	12633039
CIE Lab	78.89, 1.27, -6.36
CIE LCh	79, 6.486, 281.276
Yxy	54.7417, 0.3017, 0.3144
Android (android.graphics.Color)	4290823119 (0xFFC0C3CF)
YUV	195.4710, 5.6838, -3.0441
Hunter-Lab	73.9876, -2.7806, -1.7627

Details

The XYZ color **52.5158, 54.7417, 66.8298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8395, 60.2563, 58.5049**, and the grayscale version is **52.1236, 54.8381, 59.7187**.

A 20% lighter version of the original color is **91.5718, 96.7973, 108.4651**, and **25.9221, 26.8386, 33.9511** is the 20% darker color. If you saturate the color by 10%, you get **44.1328, 45.2166, 65.4339**, and if you desaturate by 10%, it is **62.0505, 65.4740, 68.3997**.

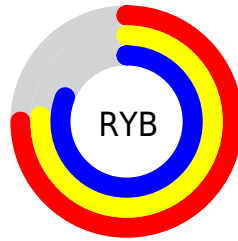
Distribution



Red (75%)

Green (76%)

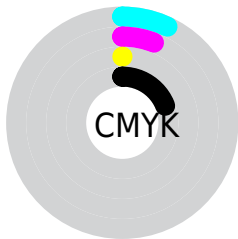
Blue (81%)



Red (75%)

Yellow (76%)

Blue (81%)

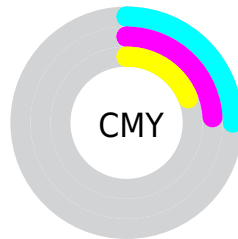


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5158, 54.7417, 66.8298 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 52.5158, 54.7417, 66.8298 by changing the saturation by 10% instead.

■ 52.5158, 54.7417,
66.8298

■ 52.5158, 54.7417,
66.8298

386.7160,
404.9321, 467.8237

■ 37.6423, 39.1950,
48.4856

■ 93.0612, 97.1624,
116.3148

■ 25.8811, 26.9114,
33.8489

119.4639,
124.8052, 148.2927

■ 16.8670, 17.5067,
22.5011

150.4402,
157.2487, 185.6523

■ 10.2344, 10.5964,
14.0237

186.3558,
194.8774, 228.8120

■ 5.6181, 5.7962,
7.9982

227.5757,
238.0757, 278.1905

■ 2.6527, 2.7215,
4.0061

274.4655,

■ 0.9729, 0.9881,

287.2280, 334.2062

1.6287

327.3905,
342.7186, 397.2778

■ 0.0000, 0.0000,
0.3112

■ 0.0000, 0.0000,
0.0000

■ 52.5158, 54.7417,
66.8298

■ 52.5158, 54.7417,
66.8298

■ 44.1328, 45.2166,
65.4339

■ 62.0505, 65.4740,
68.3997

■ 36.8528, 36.8494,
64.2026

■ 72.7736, 77.4471,
70.1455

■ 30.6305, 29.5972,
63.1307

■ 84.7262, 90.7015,
72.0739

■ 25.4156, 23.4121,
62.2118

■ 88.2626, 97.2851,
73.1583

■ 21.1539, 18.2426,
61.4386

■ 17.7855, 14.0326,
60.8035

■ 15.2439, 10.7203,
60.2981

■ 13.4521, 8.2364,
59.9131

■ 12.3111, 6.4961,
59.6373

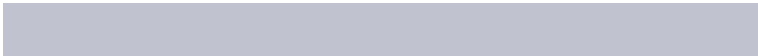
Harmonies

Analogous

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



51.2398, 54.7417, 66.5729



52.5158, 54.7417, 66.8298



53.6803, 54.7417, 65.0920

Triad

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



52.5158, 54.7417, 66.8298



53.9127, 54.7417, 55.0495



49.7213, 54.7417, 57.3577

Complementary

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



52.5158, 54.7417, 66.8298



56.8395, 60.2563, 58.5049

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.



50.4146, 54.7417, 54.4343



52.5158, 54.7417, 66.8298



52.8289, 54.7417, 53.1400

Square

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



52.5158, 54.7417, 66.8298



54.4956, 54.7417, 58.2291



51.5479, 54.7417, 52.9195



49.6406, 54.7417, 61.0012

Rectangle

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



52.5158, 54.7417, 66.8298



54.2312, 54.7417, 63.0764



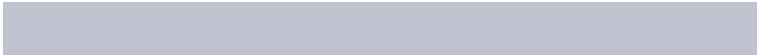
51.5479, 54.7417, 52.9195



49.8899, 54.7417, 56.2622

Sweetspot

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



52.5174, 54.7440, 66.8310



91.9110, 96.4706, 108.3842



54.9210, 60.1806, 65.6919



19.7056, 20.6857, 23.2041



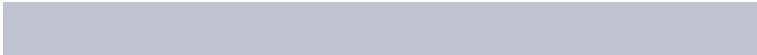
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.5174, 54.7440, 66.8310



81.5264, 84.7471, 106.6687



52.9430, 53.9745, 66.6600



11.3526, 11.7955, 14.9221



7.6592, 3.9651, 37.5541



0.4854, 0.3360, 2.1188

Inverse Universe

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



54.4333, 54.9059, 59.3615



85.3449, 85.0951, 91.7759



56.3887, 61.0937, 58.6903



11.9041, 11.8464, 12.7710



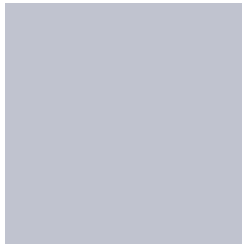
16.4968, 8.4715, 2.2562



0.9512, 0.4852, 0.2781

Previews

White Background



This preview shows how the XYZ color 52.5158, 54.7417, 66.8298 looks on a white background.

Color Contrast Check

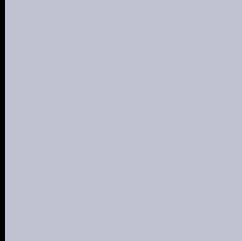
Large Text (above 18pt) WCAG AA × Fail

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 52.5158, 54.7417, 66.8298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

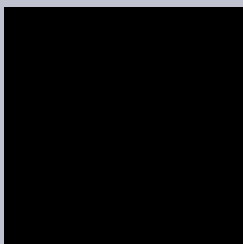
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

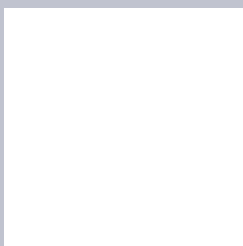
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5158, 54.7417, 66.8298

Background



This preview shows how black text looks on a background with the XYZ color 52.5158, 54.7417, 66.8298.

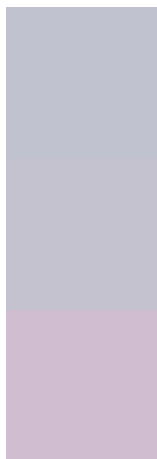


This preview shows how white text looks on a background with the XYZ color 52.5158, 54.7417,

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

52.5158, 54.7417, 66.8298

Protanopia

52.9380, 54.6419, 66.1493

Deuteranopia

55.8110, 54.7909, 67.3086



Tritanopia

52.8862, 54.8898, 68.7802

Trichromacy



Original Color

52.5158, 54.7417, 66.8298

Protanomaly

52.6805, 54.5091, 66.1373

Deuteranomaly

54.5919, 54.8099, 67.3766

Tritanomaly

52.7620, 54.8401, 68.1260

Monochromacy



Original Color

52.5158, 54.7417, 66.8298

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0720, 54.6231, 61.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5158, 54.7417, 66.8298 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(192, 195, 207)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 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(192, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.5158, 54.7417, 66.8298 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(192, 195, 207) }
```


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

```
.border{ border-color:rgb(192, 195, 207) }
```

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

Here you see how a box with a 4 pixel rgb(192, 195, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5158, 54.7417, 66.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 207) }
```

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

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