

Converting Colors

XYZ(35.1547, 36.8502, 58.0921)

Have a look what the booklet for
XYZ(35.1547, 36.8502, 58.0921)
contains.

XYZ(35.2102, 36.9612, 58.1018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.2102, 36.9612,
58.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	91A5C5
RGB	145, 165, 197
RGB Percent	57%, 65%, 77%
CMY	0.4314, 0.3529, 0.2274
CMYK	0.26, 0.16, 0.00, 0.23
HSL	217°, 31%, 67%
HSV	217°, 26%, 77%
XYZ	35.2102, 36.9612, 58.1018
YIQ	162.6680, -22.1920, 5.7120

Conversions

Conversions Part 2

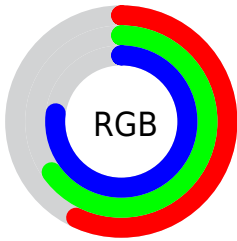
Format	Color
RYB	145, 159, 197
Decimal	9545157
CIELab	67.25, 0.27, -18.69
CIElCh	67, 18.692, 270.831
Yxy	36.9612, 0.2703, 0.2837
Android (android.graphics.Color)	4287735237 (0xFF91A5C5)
YUV	162.6680, 16.9257, -15.4948
Hunter-Lab	60.7957, -3.0132, -14.1058

Details

The XYZ color **35.2102, 36.9612, 58.1018** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.8594, 45.3592, 33.2326**, and the grayscale version is **34.5875, 36.3887, 39.6273**.

A 20% lighter version of the original color is **67.3020, 70.6215, 103.8501**, and **15.3773, 16.1206, 28.2877** is the 20% darker color. If you saturate the color by 10%, you get **29.9515, 31.1575, 57.2593**, and if you desaturate by 10%, it is **41.2804, 43.4928, 59.0432**.

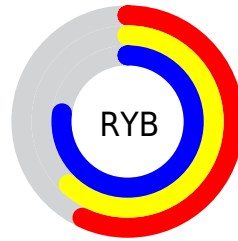
Distribution



Red (57%)

Green (65%)

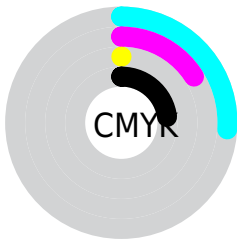
Blue (77%)



Red (57%)

Yellow (62%)

Blue (77%)

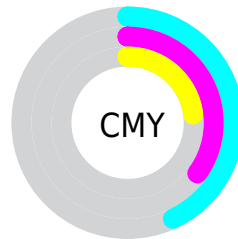


Cyan (26%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (43%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2102, 36.9612, 58.1018 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 35.2102, 36.9612, 58.1018 by changing the saturation by 10% instead.

■ 35.2102, 36.9612,
58.1018

■ 35.2102, 36.9612,
58.1018

316.9870,
333.1425, 435.1740

■ 23.9921, 25.1775,
41.4753

■ 67.1432, 70.5131,
103.5873

■ 15.4525, 16.2093,
28.3681

■ 88.5887, 93.0501,
133.2834

■ 9.2259, 9.6724,
18.3619

114.1742,
119.9402, 168.1730

■ 4.9471, 5.1823,
11.0380

144.2649,
151.5679, 208.6748

■ 2.2507, 2.3546,
5.9779

179.2261,
188.3176, 255.2073

■ 0.7693, 0.8024,
2.7631

219.4233,

■ 0.0000, 0.0000,

230.5737, 308.1889

0.9750

265.2218,
278.7205, 368.0383

■ 0.0000, 0.0000,
0.0000

■ 35.2102, 36.9612,
58.1018

■ 35.2102, 36.9612,
58.1018

■ 29.9515, 31.1575,
57.2593

■ 41.2804, 43.4928,
59.0432

■ 25.4641, 26.0496,
56.5100

■ 48.1930, 50.7736,
60.0842

■ 21.7092, 21.6097,
55.8509

■ 55.9814, 58.8297,
61.2287

■ 18.6432, 17.8059,
55.2783

■ 64.6761, 67.6843,
62.4795

■ 16.2173, 14.6032,
54.7879

■ 74.3062, 77.3598,
63.8395

■ 14.3753, 11.9624,
54.3753

■ 81.8167, 86.2884,
65.1671

■ 13.0464, 9.8357,
54.0348

■ 85.4607, 93.5764,
66.3818

■ 12.6471, 9.1692,
53.9272

■ 87.0782, 96.8113,
66.9209

Harmonies

Analogous

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



32.5221, 36.9612, 55.5939



35.2102, 36.9612, 58.1018



38.0200, 36.9612, 55.3115

Triad

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



35.2102, 36.9612, 58.1018



40.0587, 36.9612, 32.7122



30.5515, 36.9612, 33.0574

Complementary

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



35.2102, 36.9612, 58.1018



43.8594, 45.3592, 33.2326

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.



32.3913, 36.9612, 28.1969



35.2102, 36.9612, 58.1018



37.8748, 36.9612, 28.0174

Square

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



35.2102, 36.9612, 58.1018



40.9108, 36.9612, 40.0168



35.0509, 36.9612, 26.4814



29.9220, 36.9612, 40.4729

Rectangle

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



35.2102, 36.9612, 58.1018



39.5611, 36.9612, 51.0145



35.0509, 36.9612, 26.4814



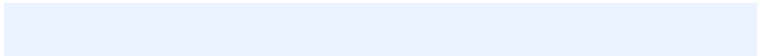
31.0438, 36.9612, 31.1081

Sweetspot

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



35.2114, 36.9627, 58.1026



84.0643, 88.5847, 107.2756



39.5004, 49.0955, 48.5734



17.5758, 18.5232, 22.8989



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.



35.2114, 36.9627, 58.1026



57.1526, 59.7107, 103.1208



32.8188, 30.7860, 57.0365



10.3856, 10.9452, 13.4827



8.3938, 6.1815, 35.4951



0.4673, 0.4325, 1.7040

Inverse Universe

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



39.9438, 34.8387, 40.2182



67.2541, 55.6983, 64.8290



46.7654, 53.1579, 34.5847



10.7999, 10.7033, 11.9295



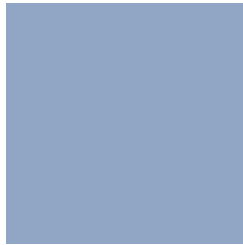
16.0361, 8.1640, 5.4002



0.7946, 0.4007, 0.4414

Previews

White Background



This preview shows how the XYZ color 35.2102, 36.9612, 58.1018 looks on a white background.

Color Contrast Check

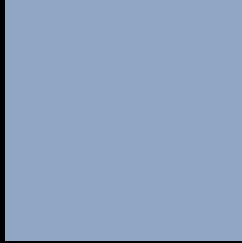
Large Text (above 18pt) WCAG AA × Fail

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 35.2102, 36.9612, 58.1018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

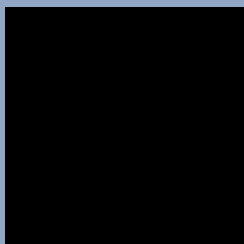
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2102, 36.9612, 58.1018

Background



This preview shows how black text looks on a background with the XYZ color 35.2102, 36.9612, 58.1018.



This preview shows how white text looks on a background with the XYZ color 35.2102, 36.9612,

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

35.2102, 36.9612, 58.1018

Protanopia

36.6753, 36.9489, 56.8286

Deuteranopia

37.6641, 36.9002, 58.5634



Tritanopia

33.4985, 37.0922, 49.1100

Trichromacy



Original Color

35.2102, 36.9612, 58.1018

Protanomaly

36.1979, 36.9522, 57.4492

Deuteranomaly

36.8237, 36.9858, 58.6242

Tritanomaly

34.1160, 37.0649, 52.3698

Monochromacy



Original Color

35.2102, 36.9612, 58.1018

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.7236, 36.7140, 45.8138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2102, 36.9612, 58.1018 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(145, 165, 197)` looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 197)  
}
```

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(145, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.2102, 36.9612, 58.1018 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(145, 165, 197) }
```


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

```
.border{ border-color:rgb(145, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 197);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2102, 36.9612, 58.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 197) }
```

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

```
.background{ background-color: rgb(145,  
165, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor