

Converting Colors

XYZ(36.1599, 33.8918, 58.0620)

Have a look what the booklet for
XYZ(36.1599, 33.8918, 58.0620)
contains.

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Color

**XYZ(36.1599, 33.8918,
58.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	A297C6
RGB	162, 151, 198
RGB Percent	64%, 59%, 78%
CMY	0.3647, 0.4078, 0.2235
CMYK	0.18, 0.24, 0.00, 0.22
HSL	254°, 29%, 68%
HSV	254°, 24%, 78%
XYZ	36.1599, 33.8918, 58.0620
YIQ	159.6470, -8.5310, 16.9490

Conversions

Conversions Part 2

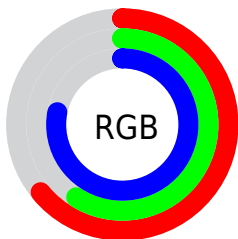
Format	Color
RYB	162, 151, 198
Decimal	10655686
CIELab	64.88, 13.69, -22.74
CIELCh	65, 26.545, 301.052
Yxy	33.8918, 0.2822, 0.2645
Android (android.graphics.Color)	4288845766 (0xFFA297C6)
YUV	159.6470, 18.9080, 2.0636
Hunter-Lab	58.2167, 8.9919, -18.3808

Details

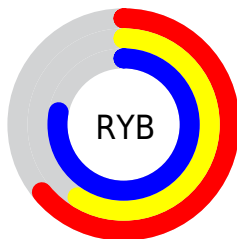
The XYZ color **36.1599, 33.8918, 58.0620** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.2746, 53.1882, 37.1071**, and the grayscale version is **33.1707, 34.8982, 38.0041**.

A 20% lighter version of the original color is **68.4966, 65.6344, 103.6663**, and **16.0216, 14.4430, 28.3289** is the 20% darker color. If you saturate the color by 10%, you get **30.3399, 26.5524, 56.9527**, and if you desaturate by 10%, it is **42.8888, 42.4958, 59.3686**.

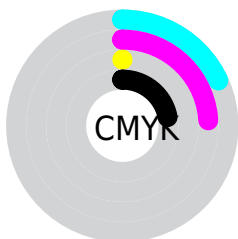
Distribution



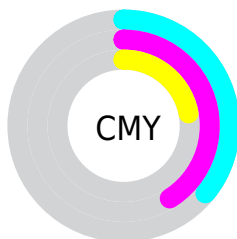
- Red (64%)
- Green (59%)
- Blue (78%)



- Red (64%)
- Yellow (59%)
- Blue (78%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1599, 33.8918, 58.0620 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 36.1599, 33.8918, 58.0620 by changing the saturation by 10% instead.

■ 36.1599, 33.8918,
58.0620

■ 36.1599, 33.8918,
58.0620

321.0780,
319.6493, 435.0216

■ 24.7284, 22.8105,
41.4435

■ 68.6011, 65.7654,
103.5288

■ 16.0025, 14.4536,
28.3435

■ 90.3414, 87.3264,
133.2142

■ 9.6168, 8.4368,
18.3434

116.2488,
113.1495, 168.0922

■ 5.2059, 4.3757,
11.0248

146.6885,
143.6190, 208.5815

■ 2.4046, 1.8859,
5.9692

182.0259,
179.1194, 255.1005

■ 0.8474, 0.5399,
2.7579

222.6264,

■ 0.0000, 0.0000,

220.0350, 308.0679

0.9724

268.8553,
266.7501, 367.9020

■ 0.0000, 0.0000,
0.0000

■ 36.1599, 33.8918,
58.0620

■ 36.1599, 33.8918,
58.0620

■ 30.3399, 26.5524,
56.9527

■ 42.8888, 42.4958,
59.3686

■ 25.3857, 20.4132,
56.0288

■ 50.5607, 52.4165,
60.8792

■ 21.2554, 15.4105,
55.2809

■ 59.2120, 63.7078,
62.6026

■ 17.9023, 11.4727,
54.6975

■ 68.8759, 76.4197,
64.5469

■ 15.2746, 8.5200,
54.2661

■ 79.5842, 90.5994,
66.7195

■ 13.3139, 6.4610,
53.9720

■ 86.4614, 96.4800,
67.4921

■ 11.9513, 5.1861,
53.7977

■ 87.1931, 96.8573,
67.5264

■ 11.3351, 4.6659,
53.7298

Harmonies

Analogous

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



32.3484, 33.8918, 62.2389



36.1599, 33.8918, 58.0620



39.0911, 33.8918, 48.0719

Triad

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



36.1599, 33.8918, 58.0620



35.9078, 33.8918, 21.3621



25.4016, 33.8918, 37.2905

Complementary

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



36.1599, 33.8918, 58.0620



46.2746, 53.1882, 37.1071

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.



26.1933, 33.8918, 27.6127



36.1599, 33.8918, 58.0620



32.0783, 33.8918, 19.5872

Square

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



36.1599, 33.8918, 58.0620



38.9376, 33.8918, 27.0642



28.5645, 33.8918, 21.6319



26.3112, 33.8918, 48.8754

Rectangle

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



36.1599, 33.8918, 58.0620



40.0428, 33.8918, 40.2785



28.5645, 33.8918, 21.6319



25.4770, 33.8918, 33.7204

Sweetspot

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



36.1610, 33.8932, 58.0628



84.7651, 86.6337, 106.8621



40.7340, 46.2123, 60.1996



17.9621, 18.3087, 22.8372



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.



36.1610, 33.8932, 58.0628



59.0095, 53.6570, 101.8544



41.3811, 36.5842, 58.3071



10.2852, 10.4053, 13.3838



7.4352, 3.0672, 34.9445



0.4185, 0.1795, 1.6577

Inverse Universe

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



43.3260, 37.7282, 52.0139



73.7729, 61.5652, 89.1083



40.9948, 50.4663, 36.8600



10.9728, 10.7725, 12.8402



18.8474, 9.2885, 20.2042



0.9190, 0.4504, 1.0965

Previews

White Background



This preview shows how the XYZ color 36.1599, 33.8918, 58.0620 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 36.1599, 33.8918, 58.0620 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 36.1599, 33.8918, 58.0620

Background



This preview shows how black text looks on a background with the XYZ color 36.1599, 33.8918, 58.0620.



This preview shows how white text looks on a background with the XYZ color 36.1599, 33.8918,

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

36.1599, 33.8918, 58.0620

Protanopia

34.2851, 34.1050, 60.0342

Deuteranopia

34.5825, 33.8178, 57.5281



Tritanopia

32.9545, 33.8096, 42.3251

Trichromacy



Original Color

36.1599, 33.8918, 58.0620

Protanomaly

34.9298, 33.9567, 59.3569

Deuteranomaly

35.1796, 33.8816, 57.5090

Tritanomaly

34.0919, 33.7774, 47.9029

Monochromacy



Original Color

36.1599, 33.8918, 58.0620

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.3949, 34.7470, 44.9384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1599, 33.8918, 58.0620 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(162, 151, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 151, 198)  
}
```

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(162, 151, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 151, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.1599, 33.8918, 58.0620 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(162, 151, 198) }
```


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

```
.border{ border-color:rgb(162, 151, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 151, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 151, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 151, 198);  
box-shadow:4px 4px 4px 4px rgb(162, 151,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1599, 33.8918, 58.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 151, 198) }
```

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

```
.background{ background-color: rgb(162,  
151, 198) }
```

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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