

Converting Colors

XYZ(36.5205, 35.8000, 58.4113)

Have a look what the booklet for
XYZ(36.5205, 35.8000, 58.4113)
contains.

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Color

**XYZ(36.5205, 35.8000,
58.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9EC6
RGB	158, 158, 198
RGB Percent	62%, 62%, 78%
CMY	0.3804, 0.3804, 0.2235
CMYK	0.20, 0.20, 0.00, 0.22
HSL	240°, 26%, 70%
HSV	240°, 20%, 78%
XYZ	36.5205, 35.8000, 58.4113
YIQ	162.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

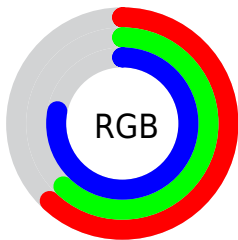
Format	Color
RYB	158, 158, 198
Decimal	10395334
CIELab	66.37, 8.47, -20.50
CIElCh	66, 22.177, 292.450
Yxy	35.8000, 0.2794, 0.2738
Android (android.graphics.Color)	4288585414 (0xFF9E9EC6)
YUV	162.5600, 17.4719, -3.9991
Hunter-Lab	59.8331, 4.2436, -15.9979

Details

The XYZ color **36.5205, 35.8000, 58.4113** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6549, 54.8629, 40.3214**, and the grayscale version is **34.5311, 36.3294, 39.5627**.

A 20% lighter version of the original color is **69.2848, 68.9546, 104.2656**, and **16.2356, 15.5932, 28.5396** is the 20% darker color. If you saturate the color by 10%, you get **29.8256, 27.7332, 57.2077**, and if you desaturate by 10%, it is **44.3892, 45.2814, 59.8273**.

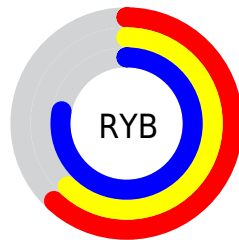
Distribution



Red (62%)

Green (62%)

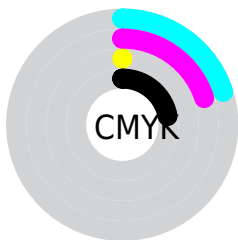
Blue (78%)



Red (62%)

Yellow (62%)

Blue (78%)

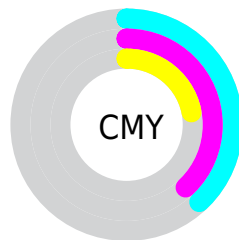


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5205, 35.8000, 58.4113 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 36.5205, 35.8000, 58.4113 by changing the saturation by 10% instead.

■ 36.5205, 35.8000,
58.4113

■ 36.5205, 35.8000,
58.4113

322.6216,
328.0855, 436.3578

■ 25.0084, 24.2798,
41.7225

■ 69.1533, 68.7233,
104.0423

■ 16.2121, 15.5413,
28.5601

■ 91.0048, 90.8951,
133.8215

■ 9.7662, 9.2001,
18.5056

117.0334,
117.3862, 168.8013

■ 5.3053, 4.8720,
11.1404

147.6046,
148.5811, 209.4002

■ 2.4641, 2.1723,
6.0460

183.0836,
184.8640, 256.0368

■ 0.8772, 0.7048,
2.8038

223.8359,

■ 0.0000, 0.0000,

226.6195, 309.1295

0.9954

270.2267,
274.2319, 369.0970

0.0000, 0.0000,
0.0000

36.5205, 35.8000,
58.4113

36.5205, 35.8000,
58.4113

29.8256, 27.7332,
57.2077

44.3892, 45.2814,
59.8273

24.2452, 21.0092,
56.2040

53.4807, 56.2359,
61.4625

19.7198, 15.5564,
55.3900

63.8451, 68.7243,
63.3268

16.1830, 11.2948,
54.7538

75.5288, 82.8024,
65.4283

13.5611, 8.1355,
54.2822

87.1931, 96.8573,
67.5264

■ 11.7698, 5.9771,
53.9600

■ 10.7094, 4.6993,
53.7693

■ 10.1932, 4.0773,
53.6764

Harmonies

Analogous

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



33.1959, 35.8000, 60.0312



36.5205, 35.8000, 58.4113



39.3369, 35.8000, 51.2028

Triad

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



36.5205, 35.8000, 58.4113



38.0628, 35.8000, 26.2201



28.0889, 35.8000, 36.6297

Complementary

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



36.5205, 35.8000, 58.4113



49.6549, 54.8629, 40.3214

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.



29.2175, 35.8000, 28.8760



36.5205, 35.8000, 58.4113



34.8715, 35.8000, 23.5344

Square

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



36.5205, 35.8000, 58.4113



40.2669, 35.8000, 32.4137



31.6493, 35.8000, 24.4209



28.4672, 35.8000, 46.3783

Rectangle

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



36.5205, 35.8000, 58.4113



40.4759, 35.8000, 44.7500



31.6493, 35.8000, 24.4209



28.3019, 35.8000, 33.7288

Sweetspot

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



36.5216, 35.8015, 58.4121



84.9553, 87.8366, 107.0843



44.4118, 51.7045, 60.6636



17.9594, 18.5301, 22.8800



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.



36.5216, 35.8015, 58.4121



59.4943, 57.1579, 102.5046



40.6284, 37.9184, 58.6043



10.0567, 10.2875, 13.3731



6.6288, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Inverse Universe

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



41.6881, 38.9292, 37.6661



70.2026, 63.6407, 59.5056



44.8799, 52.4015, 40.0980



10.6339, 10.6369, 11.0555



15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 36.5205, 35.8000, 58.4113 looks on a white background.

Color Contrast Check

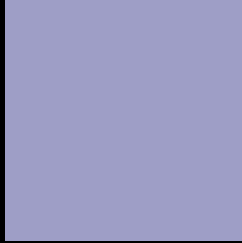
Large Text (above 18pt) WCAG AA × Fail

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 36.5205, 35.8000, 58.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

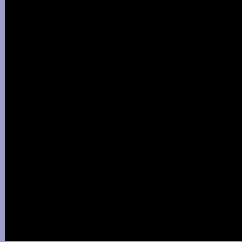
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5205, 35.8000, 58.4113

Background



This preview shows how black text looks on a background with the XYZ color 36.5205, 35.8000, 58.4113.



This preview shows how white text looks on a background with the XYZ color 36.5205, 35.8000,

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

36.5205, 35.8000, 58.4113

Protanopia

35.8285, 35.9405, 59.0817

Deuteranopia

36.5205, 35.8000, 58.4113



Tritanopia

33.9846, 35.8058, 45.6775

Trichromacy



Original Color

36.5205, 35.8000, 58.4113

Protanomaly

36.0334, 35.7898, 59.0418

Deuteranomaly

36.5205, 35.8000, 58.4113

Tritanomaly

34.8097, 35.8772, 49.8901

Monochromacy



Original Color

36.5205, 35.8000, 58.4113

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2793, 36.2014, 46.2024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5205, 35.8000, 58.4113 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(158, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 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(158, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.5205, 35.8000, 58.4113 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(158, 158, 198) }
```


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

```
.border{ border-color:rgb(158, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5205, 35.8000, 58.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 198) }
```

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

```
.background{ background-color: rgb(158,  
158, 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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