

Converting Colors

XYZ(35.1350, 31.2603, 39.3040)

Have a look what the booklet for
XYZ(35.1350, 31.2603, 39.3040)
contains.

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Color

**XYZ(35.1350, 31.2603,
39.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	B58CA4
RGB	181, 140, 164
RGB Percent	71%, 55%, 64%
CMY	0.2902, 0.4510, 0.3569
CMYK	0.00, 0.23, 0.09, 0.29
HSL	325°, 22%, 63%
HSV	325°, 23%, 71%
XYZ	35.1350, 31.2603, 39.3040
YIQ	154.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

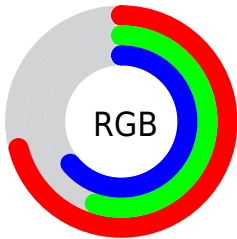
Format	Color
R _Y B	181, 140, 164
Decimal	11898020
CIE Lab	62.73, 19.50, -6.67
CIE LCh	63, 20.611, 341.124
Yxy	31.2603, 0.3324, 0.2957
Android (android.graphics.Color)	4290088100 (0xFFB58CA4)
YUV	154.9950, 4.4395, 22.8064
Hunter-Lab	55.9109, 14.3272, -2.5418

Details

The XYZ color **35.1350, 31.2603, 39.3040** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4262, 41.0584, 38.0635**, and the grayscale version is **31.1301, 32.7513, 35.6661**.

A 20% lighter version of the original color is **67.0030, 61.7026, 75.3962**, and **15.4829, 13.0714, 17.0362** is the 20% darker color. If you saturate the color by 10%, you get **32.0468, 26.1366, 35.0287**, and if you desaturate by 10%, it is **38.7000, 37.2729, 43.9364**.

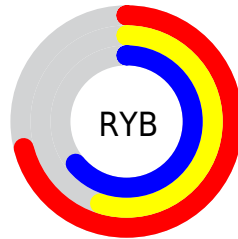
Distribution



Red (71%)

Green (55%)

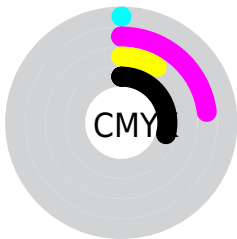
Blue (64%)



Red (71%)

Yellow (55%)

Blue (64%)

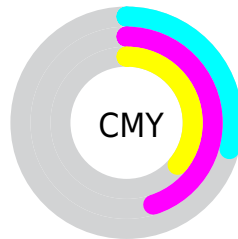


Cyan (0%)

Magenta (23%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1350, 31.2603, 39.3040 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 35.1350, 31.2603, 39.3040 by changing the saturation by 10% instead.


 35.1350, 31.2603,
39.3040


 35.1350, 31.2603,
39.3040


316.6614,
307.7357, 358.6457


 23.9339, 20.7971,
26.6867


 67.0275, 61.6497,
75.3279

 15.4091, 12.9758,
17.1077


 88.4496, 82.3446,
99.5716

 9.1952, 7.4119,
10.1485


 114.0094,
107.2190, 128.5278

 4.9268, 3.7210,
5.3907

144.0722,
136.6572, 162.6151

 2.2387, 1.5187,
2.4155

179.0035,
171.0436, 202.2520

 0.7630, 0.3019,
0.7949

219.1686,

 0.0000, 0.0000,

210.7625, 247.8570

0.0000

264.9327,
256.1984, 299.8488

■ 35.1350, 31.2603,
39.3040

■ 35.1350, 31.2603,
39.3040

■ 32.0468, 26.1366,
35.0287

■ 38.7000, 37.2729,
43.9364

■ 29.4109, 21.8547,
31.0978

■ 42.7596, 44.2100,
48.9339

■ 27.2043, 18.3698,
27.5006

■ 47.3340, 52.1104,
54.3069

■ 25.4011, 15.6310,
24.2248

■ 52.4412, 61.0095,
60.0646

■ 23.9723, 13.5815,
21.2572

■ 58.0987, 70.9409,
66.2157

■ 22.8847, 12.1562,
18.5829

■ 64.3228, 81.9364,
72.7689

■ 22.0989, 11.2774,
16.1848

■ 67.2808, 86.3297,
78.4493

■ 21.6549, 10.8633,
14.5763

■ 68.2769, 86.7281,
83.6947

■ 69.3180, 87.1445,
89.1768

Harmonies

Analogous

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



33.4169, 31.2603, 47.1043



35.1350, 31.2603, 39.3040



35.3473, 31.2603, 31.1324

Triad

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



35.1350, 31.2603, 39.3040



28.6796, 31.2603, 20.9772



25.8174, 31.2603, 45.2874

Complementary

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



35.1350, 31.2603, 39.3040



33.4262, 41.0584, 38.0635

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.



24.7099, 31.2603, 37.1172



35.1350, 31.2603, 39.3040



26.2915, 31.2603, 23.6421

Square

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



35.1350, 31.2603, 39.3040



31.4982, 31.2603, 21.3725



24.8778, 31.2603, 29.2632



27.9946, 31.2603, 50.9179

Rectangle

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



35.1350, 31.2603, 39.3040



34.5919, 31.2603, 26.6350



24.8778, 31.2603, 29.2632



25.3140, 31.2603, 42.6974

Sweetspot

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



35.1359, 31.2617, 39.3047



73.2211, 73.4191, 83.5584



31.5077, 29.2019, 47.6924



15.7339, 15.7116, 17.9471



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.1359, 31.2617, 39.3047



60.1670, 51.3881, 66.6380



33.4770, 30.5981, 30.5689



8.6980, 8.5859, 9.9080



14.9635, 7.5029, 10.2336



0.4990, 0.2474, 0.4706

Inverse Universe

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



35.1359, 31.2617, 39.3047



60.1670, 51.3881, 66.6380



35.2660, 41.7943, 47.7518



8.6980, 8.5859, 9.9080



14.9635, 7.5029, 10.2336



0.4990, 0.2474, 0.4706

Previews

White Background



This preview shows how the XYZ color 35.1350, 31.2603, 39.3040 looks on a white background.

Color Contrast Check

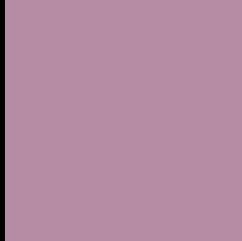
Large Text (above 18pt) WCAG AA × Fail

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 35.1350, 31.2603, 39.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

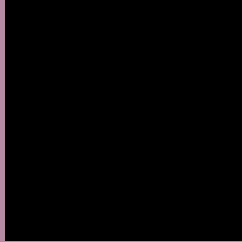
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1350, 31.2603, 39.3040

Background



This preview shows how black text looks on a background with the XYZ color 35.1350, 31.2603, 39.3040.



This preview shows how white text looks on a background with the XYZ color 35.1350, 31.2603,

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

35.1350, 31.2603, 39.3040

Protanopia

30.8117, 31.4631, 42.9771

Deuteranopia

32.1011, 31.5055, 39.0396



Tritanopia

34.2452, 31.3492, 34.3831

Trichromacy



Original Color

35.1350, 31.2603, 39.3040

Protanomaly

32.1995, 31.2717, 41.3847

Deuteranomaly

33.0984, 31.3302, 38.9532

Tritanomaly

34.4331, 31.1874, 36.1032

Monochromacy



Original Color

35.1350, 31.2603, 39.3040

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.3877, 32.1738, 36.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1350, 31.2603, 39.3040 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(181, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 140, 164)  
}
```

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(181, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 140, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.1350, 31.2603, 39.3040 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(181, 140, 164) }
```


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

```
.border{ border-color:rgb(181, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 140,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1350, 31.2603, 39.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 140, 164) }
```

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

```
.background{ background-color: rgb(181,  
140, 164) }
```

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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