

Converting Colors

XYZ(35.3451, 31.5127, 36.6236)

Have a look what the booklet for
XYZ(35.3451, 31.5127, 36.6236)
contains.

XYZ(35.3168, 31.4151, 36.5501)	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(35.3168, 31.4151,
36.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	B88C9E
RGB	184, 140, 158
RGB Percent	72%, 55%, 62%
CMY	0.2784, 0.4510, 0.3804
CMYK	0.00, 0.24, 0.14, 0.28
HSL	335°, 24%, 64%
HSV	335°, 24%, 72%
XYZ	35.3168, 31.4151, 36.5501
YIQ	155.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

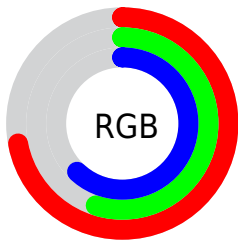
Format	Color
RYB	184, 140, 158
Decimal	12094622
CIELab	62.86, 19.56, -3.04
CIELCh	63, 19.796, 351.173
Yxy	31.4151, 0.3419, 0.3042
Android (android.graphics.Color)	4290284702 (0xFFB88C9E)
YUV	155.2080, 1.3765, 25.2506
Hunter-Lab	56.0492, 14.3875, 0.5710

Details

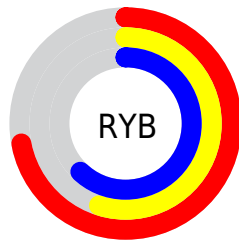
The XYZ color **35.3168, 31.4151, 36.5501** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8399, 42.6104, 42.4667**, and the grayscale version is **31.2363, 32.8630, 35.7878**.

A 20% lighter version of the original color is **67.2372, 61.9129, 71.3574**, and **15.5159, 13.1197, 15.6245** is the 20% darker color. If you saturate the color by 10%, you get **31.9548, 26.1231, 31.0143**, and if you desaturate by 10%, it is **39.2130, 37.6422, 42.6733**.

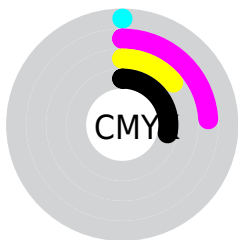
Distribution



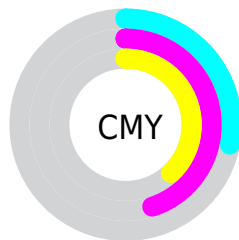
- Red (72%)
- Green (55%)
- Blue (62%)



- Red (72%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (28%)





- Cyan (28%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3168, 31.4151, 36.5501 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 35.3168, 31.4151, 36.5501 by changing the saturation by 10% instead.


 35.3168, 31.4151,
36.5501


 35.3168, 31.4151,
36.5501


317.4480,
308.4461, 346.4684


 24.0747, 20.9151,
24.5663


 67.3070, 61.8930,
71.0589

 15.5141, 13.0620,
15.5382

 88.7859, 82.6398,
94.4209

 9.2696, 7.4712,
9.0471


 114.4076,
107.5709, 122.4128

 4.9760, 3.7585,
4.6747

144.5377,
137.0708, 155.4530

 2.2678, 1.5394,
2.0023

179.5414,
171.5239, 193.9602

 0.7781, 0.3162,
0.5567

219.7841,

 0.0000, 0.0000,

211.3146, 238.3527

0.0000

265.6312,
256.8272, 289.0493

■ 35.3168, 31.4151,
36.5501

■ 35.3168, 31.4151,
36.5501

■ 31.9548, 26.1231,
31.0143

■ 39.2130, 37.6422,
42.6733

■ 29.0999, 21.7164,
26.0452

■ 43.6635, 44.8426,
49.3998

■ 26.7265, 18.1470,
21.6238

■ 48.6907, 53.0573,
56.7470

■ 24.8054, 15.3607,
17.7288

■ 54.3149, 62.3241,
64.7313

■ 23.3046, 13.2967,
14.3375

■ 60.5555, 72.6784,
73.3682

■ 22.1868, 11.8851,
11.4249

■ 67.4308, 84.1543,
82.6728

■ 21.4080, 11.0420,
8.9629

■ 70.3953, 87.6576,
91.1385

■ 21.0464, 10.7021,
7.6608

■ 72.0071, 88.3024,
99.6266

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

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



34.1106, 31.4151, 44.4547



35.3168, 31.4151, 36.5501



34.9930, 31.4151, 29.0879

Triad

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



35.3168, 31.4151, 36.5501



28.0141, 31.4151, 22.0791



26.7061, 31.4151, 47.2159

Complementary

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



35.3168, 31.4151, 36.5501



34.8399, 42.6104, 42.4667

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.



25.2536, 31.4151, 39.8911



35.3168, 31.4151, 36.5501



25.9764, 31.4151, 25.6670

Square

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



35.3168, 31.4151, 36.5501



30.6669, 31.4151, 21.4637



24.9948, 31.4151, 31.9638



29.0657, 31.4151, 51.1963

Rectangle

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



35.3168, 31.4151, 36.5501



33.9608, 31.4151, 25.2820



24.9948, 31.4151, 31.9638



26.1017, 31.4151, 45.0151

Sweetspot

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



35.3177, 31.4165, 36.5508



76.4526, 76.9070, 85.5193



33.6871, 30.2894, 49.4187



16.3769, 16.4099, 18.2788



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3177, 31.4165, 36.5508



60.5081, 51.3984, 60.5343



34.4247, 31.9309, 29.1615



9.1528, 9.0715, 10.1521



14.5382, 7.3890, 5.4551



0.5434, 0.2729, 0.3552

Inverse Universe

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



35.3177, 31.4165, 36.5508



60.5081, 51.3984, 60.5343



35.8566, 41.8142, 51.5289



9.1528, 9.0715, 10.1521



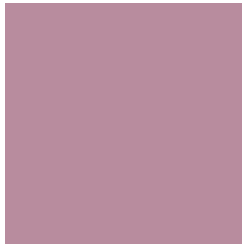
14.5382, 7.3890, 5.4551



0.5434, 0.2729, 0.3552

Previews

White Background



This preview shows how the XYZ color 35.3168, 31.4151, 36.5501 looks on a white background.

Color Contrast Check

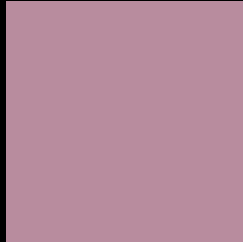
Large Text (above 18pt) WCAG AA × Fail

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 35.3168, 31.4151, 36.5501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

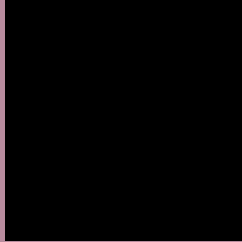
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3168, 31.4151, 36.5501

Background



This preview shows how black text looks on a background with the XYZ color 35.3168, 31.4151, 36.5501.



This preview shows how white text looks on a background with the XYZ color 35.3168, 31.4151,

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

35.3168, 31.4151, 36.5501

Protanopia

30.6206, 31.4291, 40.0499

Deuteranopia

32.1928, 31.6135, 36.3036



Tritanopia

34.7208, 31.3840, 33.9335

Trichromacy



Original Color

35.3168, 31.4151, 36.5501

Protanomaly

32.0596, 31.2626, 38.5270

Deuteranomaly

33.2245, 31.4558, 36.2187

Tritanomaly

34.8861, 31.4501, 34.8036

Monochromacy



Original Color

35.3168, 31.4151, 36.5501

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6330, 32.3200, 35.9709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3168, 31.4151, 36.5501 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(184, 140, 158)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 158)  
}
```

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(184, 140, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.3168, 31.4151, 36.5501 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(184, 140, 158) }
```


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

```
.border{ border-color:rgb(184, 140, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 140, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 158);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3168, 31.4151, 36.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 158) }
```

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

```
.background{ background-color: rgb(184,  
140, 158) }
```

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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