

Converting Colors

XYZ(35.0988, 31.4791, 38.4065)

Have a look what the booklet for
XYZ(35.0988, 31.4791, 38.4065)
contains.

XYZ(35.1025, 31.4821, 38.4090)	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(35.1025, 31.4821,
38.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	B58DA2
RGB	181, 141, 162
RGB Percent	71%, 55%, 64%
CMY	0.2902, 0.4470, 0.3647
CMYK	0.00, 0.22, 0.10, 0.29
HSL	329°, 21%, 63%
HSV	329°, 22%, 71%
XYZ	35.1025, 31.4821, 38.4090
YIQ	155.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

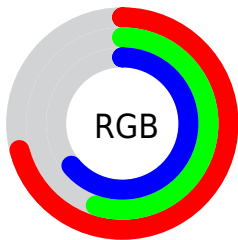
Format	Color
R_{YB}	181, 141, 162
Decimal	11898274
CIE _{Lab}	62.91, 18.59, -5.26
CIE _{LCh}	63, 19.321, 344.206
Yxy	31.4821, 0.3343, 0.2998
Android (android.graphics.Color)	4290088354 (0xFFB58DA2)
YUV	155.3540, 3.2765, 22.4915
Hunter-Lab	56.1089, 13.4814, -1.3104

Details

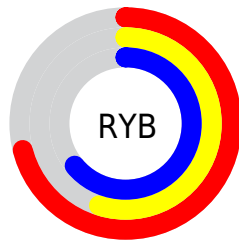
The XYZ color **35.1025, 31.4821, 38.4090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8548, 41.2494, 39.4371**, and the grayscale version is **31.2939, 32.9236, 35.8538**.

A 20% lighter version of the original color is **66.9645, 62.0445, 74.0920**, and **15.4576, 13.1972, 16.4844** is the 20% darker color. If you saturate the color by 10%, you get **31.9104, 26.2792, 33.7023**, and if you desaturate by 10%, it is **38.7848, 37.5810, 43.5377**.

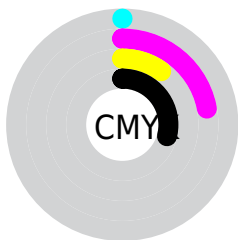
Distribution



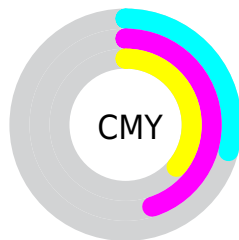
- Red (71%)
- Green (55%)
- Blue (64%)



- Red (71%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1025, 31.4821, 38.4090 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 35.1025, 31.4821, 38.4090 by changing the saturation by 10% instead.


 35.1025, 31.4821,
38.4090


 35.1025, 31.4821,
38.4090


316.5206,
308.7532, 354.7219


 23.9087, 20.9662,
25.9960


 66.9775, 61.9983,
73.9450

 15.3903, 13.0993,
16.5949


 88.3894, 82.7674,
97.9050

 9.1819, 7.4970,
9.7872


 113.9381,
107.7231, 126.5511

 4.9180, 3.7748,
5.1543

143.9890,
137.2497, 160.3018

 2.2335, 1.5484,
2.2778

178.9073,
171.7316, 199.5758

 0.7603, 0.3224,
0.7187

219.0584,

 0.0000, 0.0000,

211.5532, 244.7914

0.0000

264.8078,
257.0990, 296.3672

■ 35.1025, 31.4821,
38.4090

■ 35.1025, 31.4821,
38.4090

■ 31.9104, 26.2792,
33.7023

■ 38.7848, 37.5810,
43.5377

■ 29.1837, 21.9254,
29.4030

■ 42.9754, 44.6116,
49.0984

■ 26.8991, 18.3759,
25.4987

■ 47.6947, 52.6127,
55.1029

■ 25.0306, 15.5797,
21.9751

■ 52.9611, 61.6196,
61.5622

■ 23.5489, 13.4805,
18.8168

■ 58.7920, 71.6659,
68.4867

■ 22.4207, 12.0135,
16.0069

■ 65.2044, 82.7837,
75.8864

■ 21.6064, 11.1018,
13.5261

■ 68.0263, 86.6279,
82.3750

■ 21.1227, 10.6504,
11.7735

■ 69.2099, 87.1013,
88.6077

■ 70.4531, 87.5986,
95.1545

Harmonies

Analogous

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



33.6208, 31.4821, 45.8488



35.1025, 31.4821, 38.4090



35.1432, 31.4821, 30.8182

Triad

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



35.1025, 31.4821, 38.4090



28.6888, 31.4821, 21.9812



26.4144, 31.4821, 45.5023

Complementary

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



35.1025, 31.4821, 38.4090



33.8548, 41.2494, 39.4371

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.



25.2468, 31.4821, 37.9889



35.1025, 31.4821, 38.4090



26.5064, 31.4821, 24.8398

Square

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



35.1025, 31.4821, 38.4090



31.3322, 31.4821, 22.0592



25.2795, 31.4821, 30.4556



28.5563, 31.4821, 50.3385

Rectangle

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



35.1025, 31.4821, 38.4090



34.3411, 31.4821, 26.7069



25.2795, 31.4821, 30.4556



25.9007, 31.4821, 43.1612

Sweetspot

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



35.1034, 31.4835, 38.4097



73.0840, 73.3643, 82.8364



32.2972, 29.8268, 47.7714



15.7020, 15.6988, 17.7789



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.



35.1034, 31.4835, 38.4097



59.7011, 51.2017, 64.1845



33.4896, 30.8380, 29.9114



8.6765, 8.5773, 9.7948



14.5967, 7.3562, 8.3021



0.4885, 0.2432, 0.4152

Inverse Universe

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



35.1034, 31.4835, 38.4097



59.7011, 51.2017, 64.1845



35.7136, 41.9929, 49.2258



8.6765, 8.5773, 9.7948



14.5967, 7.3562, 8.3021



0.4885, 0.2432, 0.4152

Previews

White Background



This preview shows how the XYZ color 35.1025, 31.4821, 38.4090 looks on a white background.

Color Contrast Check

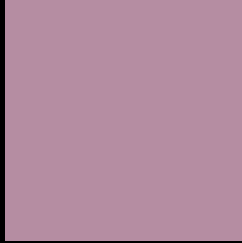
Large Text (above 18pt) WCAG AA × Fail

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 35.1025, 31.4821, 38.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

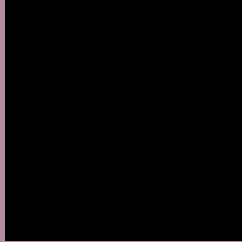
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1025, 31.4821, 38.4090

Background



This preview shows how black text looks on a background with the XYZ color 35.1025, 31.4821, 38.4090.



This preview shows how white text looks on a background with the XYZ color 35.1025, 31.4821,

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

35.1025, 31.4821, 38.4090

Protanopia

30.7122, 31.4444, 41.4965

Deuteranopia

32.1272, 31.5395, 38.1127



Tritanopia

34.2452, 31.3492, 34.3831

Trichromacy



Original Color

35.1025, 31.4821, 38.4090

Protanomaly

32.0146, 31.1977, 40.4108

Deuteranomaly

33.1360, 31.3701, 38.0268

Tritanomaly

34.4961, 31.4496, 35.7047

Monochromacy



Original Color

35.1025, 31.4821, 38.4090

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 35.1025, 31.4821, 38.4090 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, 141, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 162)  
}
```

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, 141, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.1025, 31.4821, 38.4090 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, 141, 162) }
```


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

```
.border{ border-color:rgb(181, 141, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1025, 31.4821, 38.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 162) }
```

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

```
.background{ background-color: rgb(181,  
141, 162) }
```

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