

Converting Colors

XYZ(35.1616, 31.0292, 28.0671)

Have a look what the booklet for
XYZ(35.1616, 31.0292, 28.0671)
contains.

XYZ(35.1618, 31.0883, 28.1922)	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(35.1618, 31.0883,
28.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8A8A
RGB	191, 138, 138
RGB Percent	75%, 54%, 54%
CMY	0.2510, 0.4588, 0.4588
CMYK	0.00, 0.28, 0.28, 0.25
HSL	0°, 29%, 65%
HSV	0°, 28%, 75%
XYZ	35.1618, 31.0883, 28.1922
YIQ	153.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

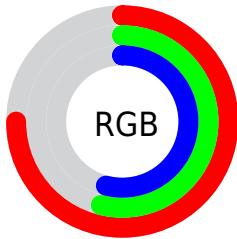
Format	Color
R_{YB}	191, 138, 138
Decimal	12552842
CIE Lab	62.58, 20.22, 8.01
CIE LCh	63, 21.748, 21.620
Yxy	31.0883, 0.3723, 0.3292
Android (android.graphics.Color)	4290742922 (0xFFBF8A8A)
YUV	153.8470, -7.8126, 32.5832
Hunter-Lab	55.7569, 14.9924, 9.0512

Details

The XYZ color **35.1618, 31.0883, 28.1922** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5155, 46.4251, 56.2214**, and the grayscale version is **30.6723, 32.2696, 35.1416**.

A 20% lighter version of the original color is **66.9650, 61.4173, 57.6155**, and **15.4045, 12.9183, 10.9141** is the 20% darker color. If you saturate the color by 10%, you get **31.3954, 25.5773, 20.7038**, and if you desaturate by 10%, it is **39.6549, 37.6632, 37.1233**.

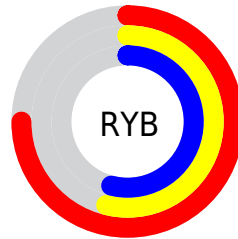
Distribution



Red (75%)

Green (54%)

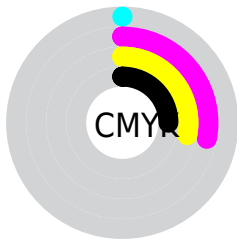
Blue (54%)



Red (75%)

Yellow (54%)

Blue (54%)

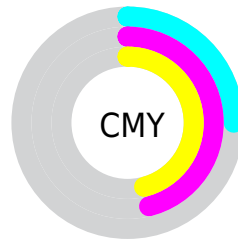


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1618, 31.0883, 28.1922 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 35.1618, 31.0883, 28.1922 by changing the saturation by 10% instead.


 35.1618, 31.0883,
28.1922


 35.1618, 31.0883,
28.1922


316.7774,
306.9449, 307.3250


 23.9546, 20.6661,
18.2303


 67.0687, 61.3791,
57.8179

 15.4245, 12.8801,
10.9443


 88.4992, 82.0164,
78.3189

 9.2061, 7.3461,
5.9157


 114.0681,
106.8276, 103.1698

 4.9341, 3.6795,
2.7259

144.1409,
136.1970, 132.7895

 2.2430, 1.4959,
0.9564

179.0829,
170.5091, 167.5962

 0.7652, 0.2859,
0.0000

219.2594,

 0.0000, 0.0000,

210.1481, 208.0087

0.0000

265.0358,
255.4986, 254.4455

■ 35.1618, 31.0883,
28.1922

■ 35.1618, 31.0883,
28.1922

■ 31.3954, 25.5773,
20.7038

■ 39.6549, 37.6632,
37.1233

■ 28.3153, 21.0701,
14.5807

■ 44.9074, 45.3490,
47.5651

■ 25.8808, 17.5077,
9.7412

■ 50.9530, 54.1954,
59.5837

■ 24.0460, 14.8228,
6.0940

■ 57.8227, 64.2476,
73.2408

■ 22.7591, 12.9396,
3.5358

■ 65.5458, 75.5487,
88.5945

■ 21.9593, 11.7692,
1.9461

■ 74.1503, 88.1392,
105.7003

■ 21.5563, 11.1795,
1.1452

■ 75.2959, 89.8164,
107.9755

■ 21.4861, 11.0767,
1.0056

Harmonies

Analogous

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



35.5446, 31.0883, 36.2814



35.1618, 31.0883, 28.1922



33.2250, 31.0883, 22.6123

Triad

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



35.1618, 31.0883, 28.1922



25.3076, 31.0883, 24.7045



28.7268, 31.0883, 52.6726

Complementary

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



35.1618, 31.0883, 28.1922



38.5155, 46.4251, 56.2214

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.



26.1537, 31.0883, 48.3032



35.1618, 31.0883, 28.1922



24.2678, 31.0883, 31.5295

Square

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



35.1618, 31.0883, 28.1922



27.5006, 31.0883, 20.8451



24.5668, 31.0883, 40.2179



31.6956, 31.0883, 51.3772

Rectangle

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



35.1618, 31.0883, 28.1922



31.3797, 31.0883, 20.6177



24.5668, 31.0883, 40.2179



27.7899, 31.0883, 51.7947

Sweetspot

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



35.1626, 31.0898, 28.1928



80.0476, 80.6619, 84.4307



39.9786, 33.0153, 53.5559



17.2448, 17.2254, 17.8783



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.1626, 31.0898, 28.1928



58.9262, 49.7554, 42.4420



39.4387, 39.6419, 29.6182



9.5302, 9.5365, 9.9151



14.1204, 7.2795, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



38.5155, 46.4251, 56.2214



65.8769, 81.5466, 100.5471



33.2507, 35.8955, 54.4664



9.8086, 10.8094, 12.2417



18.4222, 26.9561, 36.6250



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 35.1618, 31.0883, 28.1922 looks on a white background.

Color Contrast Check

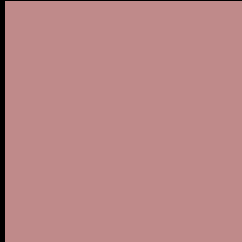
Large Text (above 18pt) WCAG AA × Fail

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 35.1618, 31.0883, 28.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

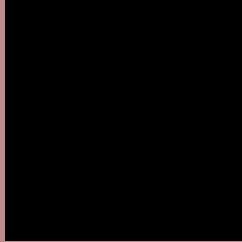
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1618, 31.0883, 28.1922

Background



This preview shows how black text looks on a background with the XYZ color 35.1618, 31.0883, 28.1922.



This preview shows how white text looks on a background with the XYZ color 35.1618, 31.0883,

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

35.1618, 31.0883, 28.1922

Protanopia

29.8877, 31.2455, 31.2438

Deuteranopia

31.7361, 31.1060, 27.6239



Tritanopia

35.9503, 31.2044, 31.7320

Trichromacy



Original Color

35.1618, 31.0883, 28.1922

Protanomaly

31.5236, 30.9458, 29.9028

Deuteranomaly

32.9282, 31.0348, 27.9217

Tritanomaly

35.7179, 31.1114, 30.5081

Monochromacy



Original Color

35.1618, 31.0883, 28.1922

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.8716, 31.5334, 32.4237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1618, 31.0883, 28.1922 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(191, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(191, 138, 138)  
}
```

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(191, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.1618, 31.0883, 28.1922 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(191, 138, 138) }
```


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

```
.border{ border-color:rgb(191, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(191, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1618, 31.0883, 28.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 138, 138) }
```

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

```
.background{ background-color: rgb(191,  
138, 138) }
```

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