

Converting Colors

XYZ(34.3701, 31.6054, 29.6848)

Have a look what the booklet for
XYZ(34.3701, 31.6054, 29.6848)
contains.

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Color

**XYZ(34.3227, 31.4893,
29.8602)**

Conversions

Conversions Part 1

Format	Color
Hex	B88E8E
RGB	184, 142, 142
RGB Percent	72%, 56%, 56%
CMY	0.2784, 0.4431, 0.4431
CMYK	0.00, 0.23, 0.23, 0.28
HSL	0°, 23%, 64%
HSV	0°, 23%, 72%
XYZ	34.3227, 31.4893, 29.8602
YIQ	154.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

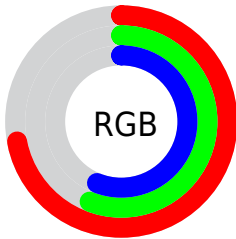
Format	Color
RYB	184, 142, 142
Decimal	12095118
CIELab	62.92, 15.89, 6.13
CIELCh	63, 17.030, 21.087
Yxy	31.4893, 0.3588, 0.3291
Android (android.graphics.Color)	4290285198 (0xFFB88E8E)
YUV	154.5580, -6.1911, 25.8206
Hunter-Lab	56.1153, 10.9769, 7.7312

Details

The XYZ color **34.3227, 31.4893, 29.8602** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9473, 43.4915, 51.7952**, and the grayscale version is **30.9799, 32.5933, 35.4941**.

A 20% lighter version of the original color is **65.9794, 62.1661, 60.7463**, and **14.9648, 13.1728, 11.8791** is the 20% darker color. If you saturate the color by 10%, you get **30.5386, 25.9523, 22.3364**, and if you desaturate by 10%, it is **38.7884, 38.0241, 38.7370**.

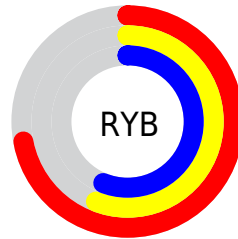
Distribution



Red (72%)

Green (56%)

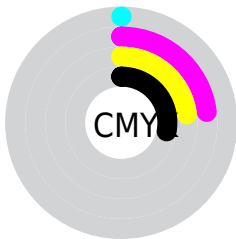
Blue (56%)



Red (72%)

Yellow (56%)

Blue (56%)

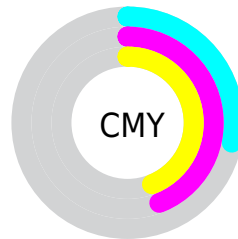


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3227, 31.4893, 29.8602 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 34.3227, 31.4893, 29.8602 by changing the saturation by 10% instead.


 34.3227, 31.4893,
29.8602


 34.3227, 31.4893,
29.8602


313.1292,
308.7862, 315.4393


 23.3057, 20.9717,
19.4813


 65.7761, 62.0096,
60.4994

 14.9413, 13.1033,
11.8383


 86.9433, 82.7811,
81.5969

 8.8643, 7.4997,
6.5125


 112.2245,
107.7394, 107.1042

 4.7091, 3.7766,
3.0853

141.9851,
137.2689, 137.4401

 2.1106, 1.5494,
1.1384

176.5906,
171.7539, 173.0230

 0.6950, 0.3231,
0.0000

216.4062,

 0.0000, 0.0000,

211.5789, 214.2715

0.0000

261.7973,
257.1282, 261.6040

■ 34.3227, 31.4893,
29.8602

■ 34.3227, 31.4893,
29.8602

■ 30.5386, 25.9523,
22.3364

■ 38.7884, 38.0241,
38.7370

■ 27.4002, 21.3599,
16.0975

■ 43.9643, 45.5978,
49.0265

■ 24.8722, 17.6607,
11.0721

■ 49.8802, 54.2544,
60.7875

■ 22.9150, 14.7967,
7.1815

■ 56.5637, 64.0341,
74.0744

■ 21.4842, 12.7029,
4.3372

■ 64.0409, 74.9752,
88.9393

■ 20.5288, 11.3048,
2.4383

■ 72.3367, 87.1141,
105.4315

■ 19.9880, 10.5134,
1.3634

■ 73.5774, 88.9304,
107.8951

■ 19.7675, 10.1908,
0.9251

Harmonies

Analogous

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



34.5937, 31.4893, 36.3200



34.3227, 31.4893, 29.8602



32.8429, 31.4893, 25.2133

Triad

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



34.3227, 31.4893, 29.8602



26.5665, 31.4893, 26.8191



29.2386, 31.4893, 48.6421

Complementary

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



34.3227, 31.4893, 29.8602



36.9473, 43.4915, 51.7952

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.



27.1939, 31.4893, 45.3107



34.3227, 31.4893, 29.8602



25.7048, 31.4893, 32.3303

Square

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



34.3227, 31.4893, 29.8602



28.3413, 31.4893, 23.6230



25.9284, 31.4893, 39.1299



31.5762, 31.4893, 47.7554

Rectangle

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



34.3227, 31.4893, 29.8602



31.4104, 31.4893, 23.4929



25.9284, 31.4893, 39.1299



28.4961, 31.4893, 47.9640

Sweetspot

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



34.3236, 31.4907, 29.8608



75.5090, 76.5301, 80.5482



38.0923, 32.9975, 49.7093



16.1580, 16.3225, 17.1257



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.



34.3236, 31.4907, 29.8608



58.8967, 52.2217, 47.5233



37.7473, 38.3382, 31.0021



9.0047, 9.0123, 9.3719



13.6235, 7.0234, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



36.9473, 43.4915, 51.7952



64.4289, 77.5259, 93.7728



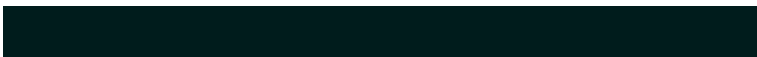
32.9047, 35.4063, 50.4477



9.2667, 10.2105, 11.5619



17.7737, 26.0072, 35.3362



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 34.3227, 31.4893, 29.8602 looks on a white background.

Color Contrast Check

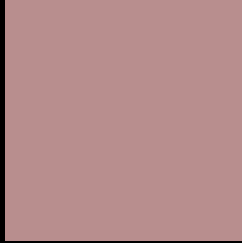
Large Text (above 18pt) WCAG AA × Fail

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 34.3227, 31.4893, 29.8602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

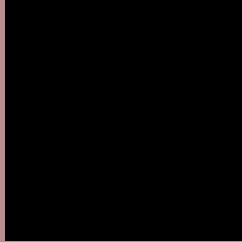
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3227, 31.4893, 29.8602

Background



This preview shows how black text looks on a background with the XYZ color 34.3227, 31.4893, 29.8602.



This preview shows how white text looks on a background with the XYZ color 34.3227, 31.4893,

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

34.3227, 31.4893, 29.8602

Protanopia

30.2050, 31.6310, 32.1172

Deuteranopia

32.0360, 31.4485, 29.5810



Tritanopia

35.1184, 31.5984, 33.5263

Trichromacy



Original Color

34.3227, 31.4893, 29.8602

Protanomaly

31.4266, 31.3311, 31.1792

Deuteranomaly

32.8376, 31.4040, 29.5301

Tritanomaly

34.8778, 31.5022, 32.2592

Monochromacy



Original Color

34.3227, 31.4893, 29.8602

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.1373, 32.1217, 33.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3227, 31.4893, 29.8602 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, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 142)  
}
```

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, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.3227, 31.4893, 29.8602 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, 142, 142) }
```


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

```
.border{ border-color:rgb(184, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3227, 31.4893, 29.8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 142) }
```

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

```
.background{ background-color: rgb(184,  
142, 142) }
```

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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