

Converting Colors

XYZ(36.0586, 33.1628, 31.2730)

Have a look what the booklet for
XYZ(36.0586, 33.1628, 31.2730)
contains.

XYZ(36.1288, 33.2935, 31.3102)	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(36.1288, 33.2935,
31.3102)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9291
RGB	188, 146, 145
RGB Percent	74%, 57%, 57%
CMY	0.2627, 0.4274, 0.4314
CMYK	0.00, 0.22, 0.23, 0.26
HSL	1°, 24%, 65%
HSV	1°, 23%, 74%
XYZ	36.1288, 33.2935, 31.3102
YIQ	158.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

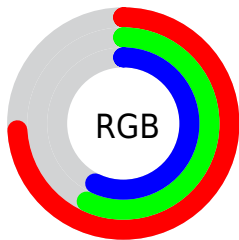
Format	Color
R _Y B	188, 146, 145
Decimal	12358289
CIE Lab	64.40, 15.65, 6.61
CIE LCh	64, 16.989, 22.887
Yxy	33.2935, 0.3587, 0.3305
Android (android.graphics.Color)	4290548369 (0xFFBC9291)
YUV	158.4440, -6.6279, 25.9206
Hunter-Lab	57.7005, 10.7907, 8.2177

Details

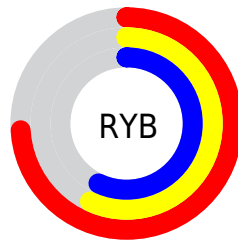
The XYZ color **36.1288, 33.2935, 31.3102** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5241, 45.1901, 54.2694**, and the grayscale version is **32.7230, 34.4271, 37.4911**.

A 20% lighter version of the original color is **68.6193, 64.8446, 62.9325**, and **15.9893, 14.0790, 12.7013** is the 20% darker color. If you saturate the color by 10%, you get **32.1908, 27.5485, 23.4275**, and if you desaturate by 10%, it is **40.7631, 40.0467, 40.6093**.

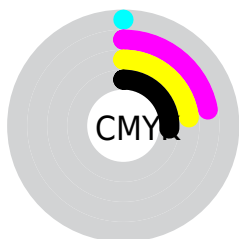
Distribution



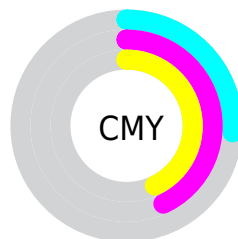
- Red (74%)
- Green (57%)
- Blue (57%)



- Red (74%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1288, 33.2935, 31.3102 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 36.1288, 33.2935, 31.3102 by changing the saturation by 10% instead.


 36.1288, 33.2935,
31.3102


 36.1288, 33.2935,
31.3102


320.9446,
316.9702, 322.3602

 24.7043, 22.3514,
20.5747


 68.5534, 64.8335,
62.8134

 15.9844, 14.1153,
12.6253


 90.2841, 86.2001,
84.4182

 9.6039, 8.2009,
7.0434

116.1810,
111.8104, 110.4833

 5.1974, 4.2238,
3.4104

146.6094,
142.0487, 141.4270

 2.3995, 1.7995,
1.3078

181.9345,
177.2995, 177.6680

 0.8448, 0.4869,
0.0682

222.5219,

 0.0000, 0.0000,

217.9470, 219.6249

0.0000

268.7368,
264.3758, 267.7161

■ 36.1288, 33.2935,
31.3102

■ 36.1288, 33.2935,
31.3102

■ 32.1908, 27.5485,
23.4275

■ 40.7631, 40.0467,
40.6093

■ 28.9130, 22.7590,
16.8899

■ 46.1222, 47.8483,
51.3872

■ 26.2599, 18.8747,
11.6227

■ 52.2364, 56.7420,
63.7053

■ 24.1921, 15.8385,
7.5435

■ 59.1332, 66.7675,
77.6208

■ 22.6651, 13.5873,
4.5601

■ 66.8389, 77.9627,
93.1880

■ 21.6286, 12.0487,
2.5665

■ 74.5492, 89.4314,
107.9406

■ 21.0223, 11.1373,
1.4362

■ 20.7868, 10.7867,
0.9865

Harmonies

Analogous

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



36.4911, 33.2935, 37.9266



36.1288, 33.2935, 31.3102



34.5366, 33.2935, 26.6267

Triad

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



36.1288, 33.2935, 31.3102



28.0762, 33.2935, 28.7884



31.0717, 33.2935, 51.1514

Complementary

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



36.1288, 33.2935, 31.3102



38.5241, 45.1901, 54.2694

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.



28.9185, 33.2935, 47.9530



36.1288, 33.2935, 31.3102



27.2472, 33.2935, 34.6254

Square

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



36.1288, 33.2935, 31.3102



29.8687, 33.2935, 25.3055



27.5475, 33.2935, 41.6859



33.4893, 33.2935, 49.9695

Rectangle

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



36.1288, 33.2935, 31.3102



33.0338, 33.2935, 24.9459



27.5475, 33.2935, 41.6859



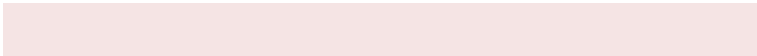
30.2946, 33.2935, 50.5405

Sweetspot

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



36.1297, 33.2950, 31.3109



79.3044, 80.4813, 84.5091



39.8648, 34.5426, 51.7395



16.9283, 17.1241, 17.9204



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.1297, 33.2950, 31.3109



62.0643, 55.3614, 49.9057



39.7087, 40.4530, 32.5039



9.5475, 9.5711, 9.9208



14.1603, 7.3593, 0.6742



0.5609, 0.3006, 0.0285

Inverse Universe

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



38.5241, 45.1901, 54.2694



67.1006, 80.3842, 98.2053



34.3514, 36.8448, 52.8785



9.7890, 10.7703, 12.2351



17.8036, 25.7189, 36.4188



0.7035, 1.0196, 1.4286

Previews

White Background



This preview shows how the XYZ color 36.1288, 33.2935, 31.3102 looks on a white background.

Color Contrast Check

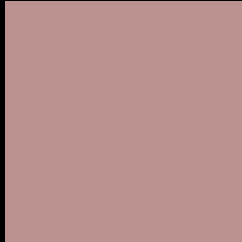
Large Text (above 18pt) WCAG AA × Fail

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 36.1288, 33.2935, 31.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

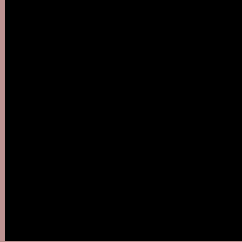
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1288, 33.2935, 31.3102

Background



This preview shows how black text looks on a background with the XYZ color 36.1288, 33.2935, 31.3102.



This preview shows how white text looks on a background with the XYZ color 36.1288, 33.2935,

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

36.1288, 33.2935, 31.3102

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

34.0051, 33.3769, 31.0357



Tritanopia

36.9603, 33.1656, 35.9061

Trichromacy



Original Color

36.1288, 33.2935, 31.3102

Protanomaly

33.3681, 33.2525, 32.6767

Deuteranomaly

34.6039, 33.2118, 30.9723

Tritanomaly

36.7792, 33.3366, 34.2019

Monochromacy



Original Color

36.1288, 33.2935, 31.3102

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.6676, 33.8461, 34.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1288, 33.2935, 31.3102 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(188, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 146, 145)  
}
```

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(188, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 146, 145) }
```

Border

The CSS property to change the border of an element to XYZ 36.1288, 33.2935, 31.3102 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(188, 146, 145) }
```


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

```
.border{ border-color:rgb(188, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 146,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1288, 33.2935, 31.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 146, 145) }
```

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

```
.background{ background-color: rgb(188,  
146, 145) }
```

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