

Converting Colors

XYZ(37.0112, 31.7794, 26.1746)

Have a look what the booklet for
XYZ(37.0112, 31.7794, 26.1746)
contains.

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Color

**XYZ(36.9299, 31.8366,
26.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	C88984
RGB	200, 137, 132
RGB Percent	78%, 54%, 52%
CMY	0.2157, 0.4627, 0.4823
CMYK	0.00, 0.31, 0.34, 0.22
HSL	4°, 38%, 65%
HSV	4°, 34%, 78%
XYZ	36.9299, 31.8366, 26.0285
YIQ	155.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

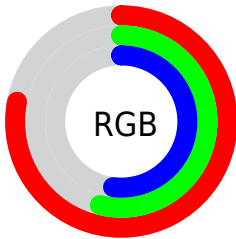
Format	Color
R _Y B	200, 137, 132
Decimal	13142404
CIE Lab	63.21, 23.44, 12.44
CIE LCh	63, 26.536, 27.955
Yxy	31.8366, 0.3896, 0.3358
Android (android.graphics.Color)	4291332484 (0xFFC88984)
YUV	155.2670, -11.4706, 39.2308
Hunter-Lab	56.4239, 18.0878, 12.1461

Details

The XYZ color **36.9299, 31.8366, 26.0285** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4554, 48.1041, 61.8490**, and the grayscale version is **31.3118, 32.9424, 35.8743**.

A 20% lighter version of the original color is **68.6278, 62.0244, 54.2538**, and **16.3907, 13.2094, 9.8694** is the 20% darker color. If you saturate the color by 10%, you get **33.2788, 26.5187, 18.6942**, and if you desaturate by 10%, it is **41.2973, 38.1670, 34.8966**.

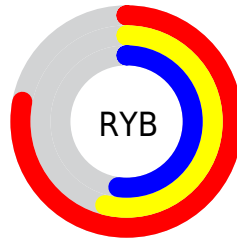
Distribution



Red (78%)

Green (54%)

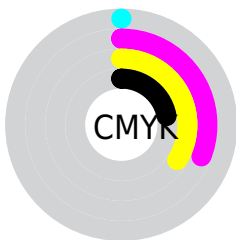
Blue (52%)



Red (78%)

Yellow (54%)

Blue (52%)

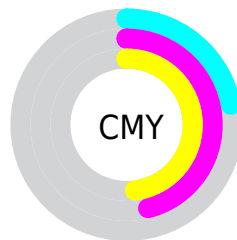


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9299, 31.8366, 26.0285 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 36.9299, 31.8366, 26.0285 by changing the saturation by 10% instead.


 36.9299, 31.8366,
26.0285


 36.9299, 31.8366,
26.0285


324.3677,
310.3742, 296.5319


 25.3266, 21.2367,
16.6190

 69.7795, 62.5548,
54.3056

 16.4506, 13.2971,
9.8042


 91.7565, 83.4420,
74.0102

 9.9364, 7.6335,
5.1654


 117.9222,
108.5270, 97.9837

 5.4188, 3.8613,
2.2842

148.6419,
138.1943, 126.6445

 2.5323, 1.5963,
0.7223

184.2809,
172.8283, 160.4112

 0.9116, 0.3551,
0.0000

225.2047,

 0.0000, 0.0000,

212.8134, 199.7023

0.0000

271.7785,
258.5339, 244.9363

■ 36.9299, 31.8366,
26.0285

■ 36.9299, 31.8366,
26.0285

■ 33.2788, 26.5187,
18.6942

■ 41.2973, 38.1670,
34.8966

■ 30.3035, 22.1566,
12.8050

■ 46.4139, 45.5539,
45.3768

■ 27.9629, 18.6948,
8.2657

■ 52.3134, 54.0440,
57.5442

■ 26.2108, 16.0704,
4.9694

■ 59.0268, 63.6801,
71.4686

■ 24.9944, 14.2123,
2.7925

■ 66.5835, 74.5025,
87.2159

■ 24.2515, 13.0374,
1.5861

■ 75.0113, 86.5498,
104.8487

■ 23.9863, 12.6131,
1.1704

■ 77.6294, 91.0194,
108.0847

Harmonies

Analogous

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



37.8729, 31.8366, 35.3906



36.9299, 31.8366, 26.0285



34.1599, 31.8366, 20.2025

Triad

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



36.9299, 31.8366, 26.0285



24.6644, 31.8366, 25.0104



30.0087, 31.8366, 59.0344

Complementary

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



36.9299, 31.8366, 26.0285



39.4554, 48.1041, 61.8490

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.



26.6683, 31.8366, 54.7691



36.9299, 31.8366, 26.0285



23.7420, 31.8366, 33.9487

Square

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



36.9299, 31.8366, 26.0285



27.0711, 31.8366, 19.7036



24.4454, 31.8366, 45.0266



33.6894, 31.8366, 55.7529

Rectangle

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



36.9299, 31.8366, 26.0285



31.7561, 31.8366, 18.4199



24.4454, 31.8366, 45.0266



28.8111, 31.8366, 58.4205

Sweetspot

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



36.9307, 31.8381, 26.0291



84.1342, 84.3080, 86.3340



41.9740, 32.7435, 56.0147



17.7044, 17.6079, 17.8532



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.9307, 31.8381, 26.0291



59.0327, 47.9794, 35.1941



42.4593, 42.8953, 27.8720



10.6955, 10.7602, 11.0760



15.2768, 8.0708, 0.7526



0.7456, 0.4267, 0.0431

Inverse Universe

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



39.4554, 48.1041, 61.8490



64.0651, 80.4558, 106.7607



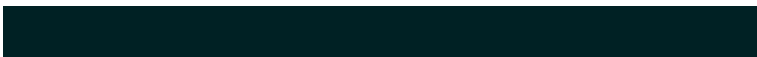
32.7679, 34.7291, 59.6199



10.8774, 11.9288, 13.6467



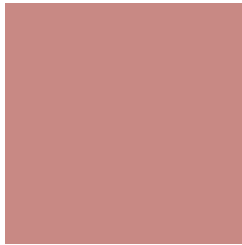
17.7260, 24.8460, 38.6059



0.8598, 1.2173, 1.8348

Previews

White Background



This preview shows how the XYZ color 36.9299, 31.8366, 26.0285 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 36.9299, 31.8366, 26.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

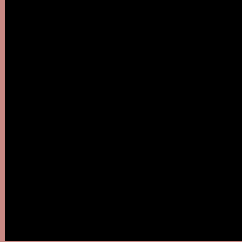
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9299, 31.8366, 26.0285

Background



This preview shows how black text looks on a background with the XYZ color 36.9299, 31.8366, 26.0285.



This preview shows how white text looks on a background with the XYZ color 36.9299, 31.8366,

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

36.9299, 31.8366, 26.0285

Protanopia

30.4229, 32.0468, 29.3931

Deuteranopia

32.5237, 32.0216, 25.5857



Tritanopia

37.8622, 31.7898, 30.9286

Trichromacy



Original Color

36.9299, 31.8366, 26.0285

Protanomaly

32.4046, 31.6723, 28.0724

Deuteranomaly

34.0776, 31.8995, 25.8339

Tritanomaly

37.6252, 31.9193, 28.9889

Monochromacy



Original Color

36.9299, 31.8366, 26.0285

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6510, 31.9443, 32.0487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9299, 31.8366, 26.0285 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(200, 137, 132)` looks like.

```
.text, #text, p{  
    color:rgb(200, 137, 132)  
}
```

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(200, 137, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 137, 132) }
```

Border

The CSS property to change the border of an element to XYZ 36.9299, 31.8366, 26.0285 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(200, 137, 132) }
```


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

```
.border{ border-color:rgb(200, 137, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 137, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 137, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 137, 132);  
box-shadow:4px 4px 4px 4px rgb(200, 137,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9299, 31.8366, 26.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 137, 132) }
```

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

```
.background{ background-color: rgb(200,  
137, 132) }
```

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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