

Converting Colors

XYZ(30.8296, 28.6567, 25.0614)

Have a look what the booklet for
XYZ(30.8296, 28.6567, 25.0614)
contains.

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Color

**XYZ(30.8794, 28.7331,
25.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	B08982
RGB	176, 137, 130
RGB Percent	69%, 54%, 51%
CMY	0.3098, 0.4627, 0.4902
CMYK	0.00, 0.22, 0.26, 0.31
HSL	9°, 23%, 60%
HSV	9°, 26%, 69%
XYZ	30.8794, 28.7331, 25.0376
YIQ	147.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

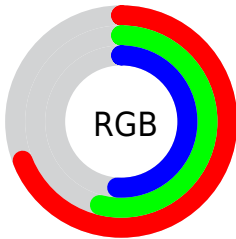
Format	Color
RYB	176, 138, 130
Decimal	11569538
CIELab	60.55, 13.79, 9.45
CIELCh	61, 16.715, 34.408
Yxy	28.7331, 0.3648, 0.3394
Android (android.graphics.Color)	4289759618 (0xFFB08982)
YUV	147.8630, -8.8065, 24.6761
Hunter-Lab	53.6033, 9.0233, 9.8285

Details

The XYZ color **30.8794, 28.7331, 25.0376** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2300, 36.2553, 46.4264**, and the grayscale version is **28.1199, 29.5843, 32.2173**.

A 20% lighter version of the original color is **60.2394, 57.4016, 52.7044**, and **13.0618, 11.6214, 9.3393** is the 20% darker color. If you saturate the color by 10%, you get **27.8214, 24.3486, 18.6800**, and if you desaturate by 10%, it is **34.4344, 33.7877, 32.5585**.

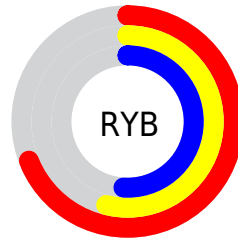
Distribution



Red (69%)

Green (54%)

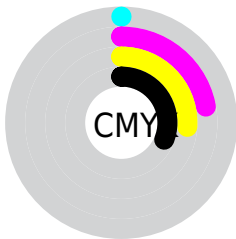
Blue (51%)



Red (69%)

Yellow (54%)

Blue (51%)

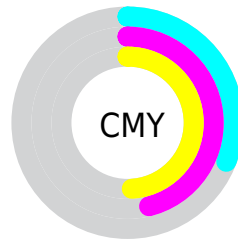


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8794, 28.7331, 25.0376 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 30.8794, 28.7331, 25.0376 by changing the saturation by 10% instead.

■ 30.8794, 28.7331,
25.0376

■ 30.8794, 28.7331,
25.0376

297.8191,
295.9536, 291.4788

■ 20.6584, 18.8790,
15.8858

■ 60.4273, 57.6528,
52.6831

■ 12.9856, 11.5829,
9.2899

■ 80.4849, 77.4871,
72.0139

■ 7.4955, 6.4603,
4.8314

■ 104.5521,
101.4170, 95.5747

■ 3.8230, 3.1270,
2.0917

132.9942,
129.8269, 123.7841

■ 1.6025, 1.1984,
0.6108

166.1766,
163.1011, 157.0607

■ 0.3940, 0.0604,
0.0000

204.4647,

■ 0.0000, 0.0000,

201.6240, 195.8230

0.0000

248.2237,
245.7800, 240.4895

■ 30.8794, 28.7331,
25.0376

■ 30.8794, 28.7331,
25.0376

■ 27.8214, 24.3486,
18.6800

■ 34.4344, 33.7877,
32.5585

■ 25.2358, 20.6023,
13.4257

■ 38.5048, 39.5348,
41.2949

■ 23.0995, 17.4653,
9.2121


■ 43.1111, 46.0008,
51.2981


■ 21.3862, 14.9052,
5.9697


■ 48.2719, 53.2092,
62.6159


■ 20.0671, 12.8865,
3.6203


■ 54.0048, 61.1827,
75.2935


 19.1095, 11.3695,
2.0735

 60.3269, 69.9429,
89.3742

 18.4736, 10.3086,
1.2114

 67.2542, 79.5106,
104.8991

 18.2918, 10.0047,
0.9670

 71.7146, 87.9701,
107.8079

Harmonies

Analogous

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



31.6608, 28.7331, 30.3806



30.8794, 28.7331, 25.0376



29.1423, 28.7331, 21.7427

Triad

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



30.8794, 28.7331, 25.0376



23.7350, 28.7331, 26.4267



27.6302, 28.7331, 44.6967

Complementary

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



30.8794, 28.7331, 25.0376



31.2300, 36.2553, 46.4264

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.



25.5560, 28.7331, 43.2774



30.8794, 28.7331, 25.0376



23.3772, 28.7331, 32.2081

Square

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



30.8794, 28.7331, 25.0376



25.0310, 28.7331, 22.4675



24.0267, 28.7331, 38.4948



29.7232, 28.7331, 42.1529

Rectangle

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



30.8794, 28.7331, 25.0376



27.7164, 28.7331, 20.8837



24.0267, 28.7331, 38.4948



26.9075, 28.7331, 44.6696

Sweetspot

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



30.8802, 28.7344, 25.0382



68.2785, 69.5109, 71.5384



33.0582, 28.0640, 41.2601



14.5532, 14.7204, 14.9787



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.8802, 28.7344, 25.0382



52.8978, 47.6667, 38.9208



34.4875, 35.9490, 26.2406



8.5974, 8.7072, 8.8801



13.4491, 7.3968, 0.7189



0.4555, 0.2974, 0.0334

Inverse Universe

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



31.2300, 36.2553, 46.4264



53.6283, 63.4804, 83.9217



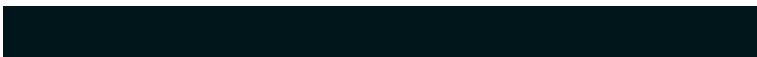
27.3370, 28.4694, 45.1288



8.6303, 9.4067, 10.8671



13.6933, 18.1870, 32.9257



0.4606, 0.6317, 1.0459

Previews

White Background



This preview shows how the XYZ color 30.8794, 28.7331, 25.0376 looks on a white background.

Color Contrast Check

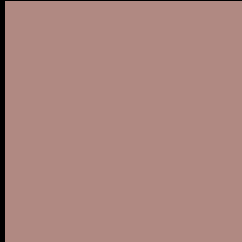
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8794, 28.7331, 25.0376 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 × Fail

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

XYZ 30.8794, 28.7331, 25.0376

Background



This preview shows how black text looks on a background with the XYZ color 30.8794, 28.7331, 25.0376.



This preview shows how white text looks on a background with the XYZ color 30.8794, 28.7331,

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

30.8794, 28.7331, 25.0376

Protanopia

27.6010, 28.9824, 27.0611

Deuteranopia

29.4237, 28.8502, 24.7867



Tritanopia

32.1349, 28.8373, 30.6605

Trichromacy



Original Color

30.8794, 28.7331, 25.0376

Protanomaly

28.7540, 28.9154, 26.2560

Deuteranomaly

29.9181, 28.8872, 24.7678

Tritanomaly

31.6692, 28.8489, 28.7102

Monochromacy



Original Color

30.8794, 28.7331, 25.0376

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8815, 29.1387, 29.3014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8794, 28.7331, 25.0376 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(176, 137, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 130)  
}
```

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(176, 137, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.8794, 28.7331, 25.0376 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(176, 137, 130) }
```


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

```
.border{ border-color:rgb(176, 137, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 137, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 137, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 137, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 137,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8794, 28.7331, 25.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 137, 130) }
```

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

```
.background{ background-color: rgb(176,  
137, 130) }
```

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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