

Converting Colors

XYZ(32.0000, 28.8119, 26.4205)

Have a look what the booklet for
XYZ(32.0000, 28.8119, 26.4205)
contains.

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Color

**XYZ(32.0231, 28.8729,
26.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	B58786
RGB	181, 135, 134
RGB Percent	71%, 53%, 53%
CMY	0.2902, 0.4706, 0.4745
CMYK	0.00, 0.25, 0.26, 0.29
HSL	1°, 24%, 62%
HSV	1°, 26%, 71%
XYZ	32.0231, 28.8729, 26.4395
YIQ	148.6400, 27.7370, 9.4410

Conversions

Conversions Part 2

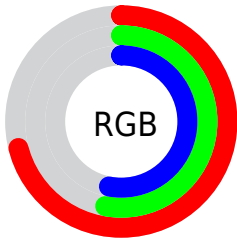
Format	Color
RYB	181, 135, 134
Decimal	11896710
CIELab	60.67, 17.45, 7.41
CIELCh	61, 18.958, 23.020
Yxy	28.8729, 0.3667, 0.3306
Android (android.graphics.Color)	4290086790 (0xFFB58786)
YUV	148.6400, -7.2175, 28.3797
Hunter-Lab	53.7335, 12.3455, 8.4399

Details

The XYZ color **32.0231, 28.8729, 26.4395** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.4929, 41.0459, 49.8209**, and the grayscale version is **28.4377, 29.9187, 32.5814**.

A 20% lighter version of the original color is **62.2128, 57.7314, 54.8780**, and **13.6011, 11.6491, 9.9192** is the 20% darker color. If you saturate the color by 10%, you get **28.5980, 23.8729, 19.5935**, and if you desaturate by 10%, it is **36.0771, 34.7844, 34.5618**.

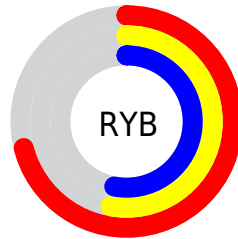
Distribution



Red (71%)

Green (53%)

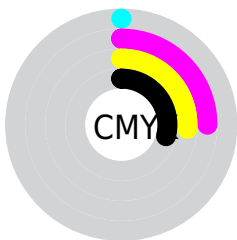
Blue (53%)



Red (71%)

Yellow (53%)

Blue (53%)

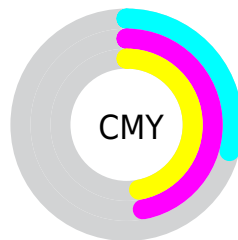


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0231, 28.8729, 26.4395 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 32.0231, 28.8729, 26.4395 by changing the saturation by 10% instead.


 32.0231, 28.8729,
26.4395


 32.0231, 28.8729,
26.4395


302.9679,
296.6148, 298.6068


 21.5348, 18.9847,
16.9240


 62.2122, 57.8751,
54.9759

 13.6301, 11.6592,
10.0189


 82.6438, 77.7579,
74.8339

 7.9439, 6.5121,
5.3058

 107.1204,
101.7409, 98.9764

 4.1105, 3.1589,
2.3659

136.0076,
130.2087, 127.8221

 1.7649, 1.2152,
0.7678

169.6705,
163.5456, 161.7894

 0.4964, 0.0741,
0.0000

208.4746,

 0.0000, 0.0000,

202.1360, 201.2970

0.0000

252.7853,
246.3642, 246.7632

■ 32.0231, 28.8729,
26.4395

■ 32.0231, 28.8729,
26.4395

■ 28.5980, 23.8729,
19.5935

■ 36.0771, 34.7844,
34.5618

■ 25.7681, 19.7353,
13.9572

■ 40.7867, 41.6453,
44.0187

■ 23.5001, 16.4126,
9.4610

■ 46.1800, 49.4962,
54.8671

■ 21.7566, 13.8510,
6.0270

■ 52.2829, 58.3743,
67.1601

■ 20.4956, 11.9902,
3.5681

■ 59.1197, 68.3147,
80.9481

■ 19.6686, 10.7609,
1.9830

■ 66.7137, 79.3509,
96.2787

■ 19.2159, 10.0794,
1.1424

■ 72.8661, 88.5638,
107.8618

■ 19.0981, 9.9077,
0.9058

Harmonies

Analogous

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



32.4026, 28.8729, 33.1102



32.0231, 28.8729, 26.4395



30.3829, 28.8729, 21.8233

Triad

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



32.0231, 28.8729, 26.4395



23.8403, 28.8729, 23.9831



26.8729, 28.8729, 46.8651

Complementary

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



32.0231, 28.8729, 26.4395



34.4929, 41.0459, 49.8209

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.



24.6988, 28.8729, 43.5278



32.0231, 28.8729, 26.4395



23.0169, 28.8729, 29.8224

Square

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



32.0231, 28.8729, 26.4395



25.6371, 28.8729, 20.5598



23.3215, 28.8729, 37.0291



29.3314, 28.8729, 45.6019

Rectangle

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



32.0231, 28.8729, 26.4395



28.8453, 28.8729, 20.1947



23.3215, 28.8729, 37.0291



26.0865, 28.8729, 46.2293

Sweetspot

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



32.0239, 28.8742, 26.4401



71.1175, 71.7744, 74.9575



35.8417, 30.1784, 47.2320



15.0912, 15.1055, 15.6390



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.0239, 28.8742, 26.4401



53.8125, 46.5445, 40.2715



35.6347, 36.0958, 27.6437



8.5104, 8.5334, 8.8511



13.1723, 6.8432, 0.6266



0.4193, 0.2249, 0.0213

Inverse Universe

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



34.4929, 41.0459, 49.8209



58.9647, 71.9479, 89.0742



30.1814, 32.4230, 48.3838



8.7268, 9.5998, 10.8993



16.6137, 24.0277, 33.8992



0.5276, 0.7657, 1.0682

Previews

White Background



This preview shows how the XYZ color 32.0231, 28.8729, 26.4395 looks on a white background.

Color Contrast Check

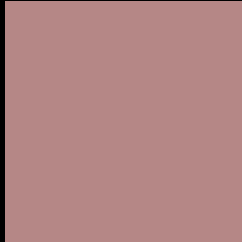
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0231, 28.8729, 26.4395 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 32.0231, 28.8729, 26.4395

Background



This preview shows how black text looks on a background with the XYZ color 32.0231, 28.8729, 26.4395.



This preview shows how white text looks on a background with the XYZ color 32.0231, 28.8729,

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

32.0231, 28.8729, 26.4395

Protanopia

27.7750, 29.0305, 28.9505

Deuteranopia

29.4844, 28.8502, 26.2050



Tritanopia

32.7130, 28.7338, 30.2076

Trichromacy



Original Color

32.0231, 28.8729, 26.4395

Protanomaly

29.1607, 28.8624, 28.0788

Deuteranomaly

30.2608, 28.8166, 26.1575

Tritanomaly

32.5501, 28.8887, 28.6714

Monochromacy



Original Color

32.0231, 28.8729, 26.4395

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7052, 29.5372, 30.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0231, 28.8729, 26.4395 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(181, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 134)  
}
```

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(181, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.0231, 28.8729, 26.4395 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(181, 135, 134) }
```


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

```
.border{ border-color:rgb(181, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0231, 28.8729, 26.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 134) }
```

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

```
.background{ background-color: rgb(181,  
135, 134) }
```

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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