

Converting Colors

XYZ(32.0027, 27.9563, 24.8733)

Have a look what the booklet for
XYZ(32.0027, 27.9563, 24.8733)
contains.

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Color

**XYZ(32.0195, 27.8913,
24.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	B98282
RGB	185, 130, 130
RGB Percent	73%, 51%, 51%
CMY	0.2745, 0.4902, 0.4902
CMYK	0.00, 0.30, 0.30, 0.27
HSL	0°, 28%, 62%
HSV	0°, 30%, 73%
XYZ	32.0195, 27.8913, 24.8150
YIQ	146.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

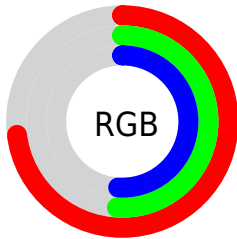
Format	Color
R_{YB}	185, 130, 130
Decimal	12157570
CIE _{Lab}	59.79, 21.22, 8.51
CIE _{LCh}	60, 22.865, 21.844
Yxy	27.8913, 0.3779, 0.3292
Android (android.graphics.Color)	4290347650 (0xFFB98282)
YUV	146.4450, -8.1074, 33.8127
Hunter-Lab	52.8122, 15.8013, 9.1098

Details

The XYZ color **32.0195, 27.8913, 24.8150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3112, 42.9450, 52.3272**, and the grayscale version is **27.5278, 28.9614, 31.5390**.

A 20% lighter version of the original color is **62.0987, 56.1631, 52.3674**, and **13.5598, 11.0772, 9.2080** is the 20% darker color. If you saturate the color by 10%, you get **28.6444, 22.9528, 18.1045**, and if you desaturate by 10%, it is **36.0617, 33.8065, 32.8499**.

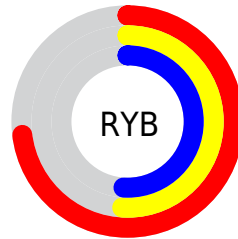
Distribution



Red (73%)

Green (51%)

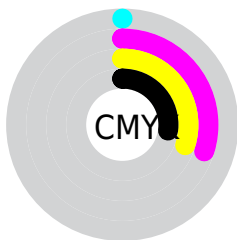
Blue (51%)



Red (73%)

Yellow (51%)

Blue (51%)

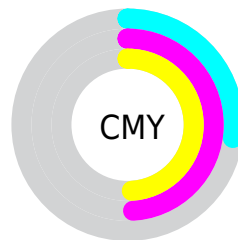


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0195, 27.8913, 24.8150 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 32.0195, 27.8913, 24.8150 by changing the saturation by 10% instead.


 32.0195, 27.8913,
24.8150


 32.0195, 27.8913,
24.8150


302.9518,
291.9471, 290.3335


 21.5320, 18.2437,
15.7215


 62.2066, 56.3109,
52.3173

 13.6281, 11.1251,
9.1751


 82.6370, 75.8516,
71.5633

 7.9424, 6.1511,
4.7572


 107.1124, 99.4589,
95.0304

 4.1096, 2.9371,
2.0493

135.9981,
127.5172, 123.1373

 1.7643, 1.0990,
0.5853

169.6596,
160.4107, 156.3026

 0.4960, 0.0000,
0.0000

208.4621,

 0.0000, 0.0000,

198.5239, 194.9446

0.0000

252.7710,
242.2413, 239.4821

■ 32.0195, 27.8913,
24.8150

■ 32.0195, 27.8913,
24.8150

■ 28.6444, 22.9528,
18.1045

■ 36.0617, 33.8065,
32.8499

■ 25.8985, 18.9347,
12.6459

■ 40.8019, 40.7426,
42.2733

■ 23.7435, 15.7813,
8.3621

■ 46.2715, 48.7462,
53.1469

■ 22.1361, 13.4292,
5.1669

■ 52.4996, 57.8595,
65.5283

■ 21.0271, 11.8063,
2.9624

■ 59.5135, 68.1227,
79.4721

■ 20.3583, 10.8275,
1.6330

■ 67.3393, 79.5740,
95.0300

■ 20.0160, 10.3266,
0.9526

■ 73.8176, 89.0543,
107.9063

■ 20.0078, 10.3146,
0.9364

Harmonies

Analogous

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



32.4105, 27.8913, 32.6870



32.0195, 27.8913, 24.8150



30.0996, 27.8913, 19.4790

Triad

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



32.0195, 27.8913, 24.8150



22.3693, 27.8913, 21.5464



25.7280, 27.8913, 49.0406

Complementary

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



32.0195, 27.8913, 24.8150



35.3112, 42.9450, 52.3272

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.



23.2175, 27.8913, 44.7083



32.0195, 27.8913, 24.8150



21.3727, 27.8913, 28.1630

Square

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



32.0195, 27.8913, 24.8150



24.4921, 27.8913, 17.8449



21.6715, 27.8913, 36.6952



28.6354, 27.8913, 47.6994

Rectangle

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



32.0195, 27.8913, 24.8150



28.2824, 27.8913, 17.5999



21.6715, 27.8913, 36.6952



24.8129, 27.8913, 48.1752

Sweetspot

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



32.0202, 27.8926, 24.8156



73.6097, 73.7509, 76.7725



36.7474, 29.7826, 49.7109



15.5844, 15.4831, 15.9852



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.



32.0202, 27.8926, 24.8156



53.0761, 43.7046, 35.9524



36.1788, 36.2097, 26.2017



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.



35.3112, 42.9450, 52.3272



59.9676, 75.2255, 93.5639



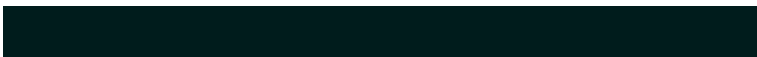
30.1049, 32.5324, 50.5917



9.2667, 10.2105, 11.5619



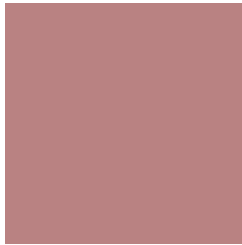
17.7739, 26.0074, 35.3362



0.6266, 0.9169, 1.2457

Previews

White Background



This preview shows how the XYZ color 32.0195, 27.8913, 24.8150 looks on a white background.

Color Contrast Check

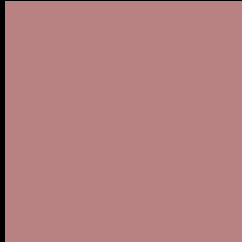
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0195, 27.8913, 24.8150 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 32.0195, 27.8913, 24.8150

Background



This preview shows how black text looks on a background with the XYZ color 32.0195, 27.8913, 24.8150.



This preview shows how white text looks on a background with the XYZ color 32.0195, 27.8913,

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

32.0195, 27.8913, 24.8150

Protanopia

26.8830, 28.1422, 27.6820

Deuteranopia

28.4387, 27.9163, 24.3116



Tritanopia

32.6874, 27.9746, 27.7216

Trichromacy



Original Color

32.0195, 27.8913, 24.8150

Protanomaly

28.4360, 27.8679, 26.4346

Deuteranomaly

29.7799, 27.9640, 24.5969

Tritanomaly

32.4731, 27.8889, 26.5932

Monochromacy



Original Color

32.0195, 27.8913, 24.8150

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.6089, 28.1232, 28.7314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0195, 27.8913, 24.8150 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(185, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(185, 130, 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(185, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.0195, 27.8913, 24.8150 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(185, 130, 130) }
```


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

```
.border{ border-color:rgb(185, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(185, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0195, 27.8913, 24.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 130, 130) }
```

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

```
.background{ background-color: rgb(185,  
130, 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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