

Converting Colors

XYZ(30.1262, 27.2722, 24.8658)

Have a look what the booklet for
XYZ(30.1262, 27.2722, 24.8658)
contains.

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Color

**XYZ(30.1850, 27.3443,
24.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	B08482
RGB	176, 132, 130
RGB Percent	69%, 52%, 51%
CMY	0.3098, 0.4823, 0.4902
CMYK	0.00, 0.25, 0.26, 0.31
HSL	3°, 23%, 60%
HSV	3°, 26%, 69%
XYZ	30.1850, 27.3443, 24.8062
YIQ	144.9280, 26.8660, 8.7060

Conversions

Conversions Part 2

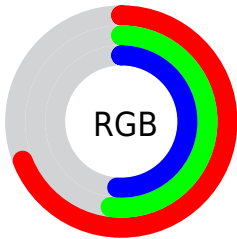
Format	Color
RYB	176, 132, 130
Decimal	11568258
CIELab	59.29, 16.60, 7.66
CIElCh	59, 18.281, 24.780
Yxy	27.3443, 0.3666, 0.3321
Android (android.graphics.Color)	4289758338 (0xFFB08482)
YUV	144.9280, -7.3595, 27.2501
Hunter-Lab	52.2918, 11.5271, 8.4782

Details

The XYZ color **30.1850, 27.3443, 24.8062** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.1781, 38.1515, 46.7424**, and the grayscale version is **26.9063, 28.3075, 30.8269**.

A 20% lighter version of the original color is **59.1749, 55.2726, 52.3496**, and **12.5285, 10.7662, 9.2023** is the 20% darker color. If you saturate the color by 10%, you get **27.0018, 22.7094, 18.4068**, and if you desaturate by 10%, it is **33.9401, 32.7993, 32.3938**.

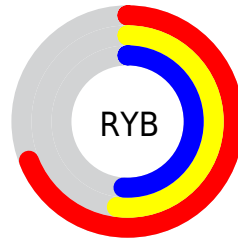
Distribution



Red (69%)

Green (52%)

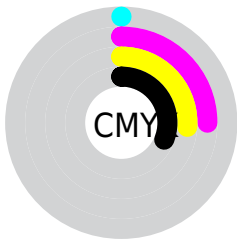
Blue (51%)



Red (69%)

Yellow (52%)

Blue (51%)

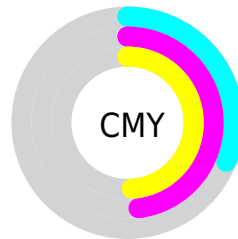


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1850, 27.3443, 24.8062 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 30.1850, 27.3443, 24.8062 by changing the saturation by 10% instead.


 30.1850, 27.3443,
24.8062


 30.1850, 27.3443,
24.8062


294.6602,
289.3203, 290.2881


 20.1278, 17.8320,
15.7150


 59.3392, 55.4359,
52.3029

 12.5968, 10.8294,
9.1706

 79.1670, 74.7839,
71.5454

 7.2266, 5.9522,
4.7543


 102.9824, 98.1793,
95.0089

 3.6518, 2.8161,
2.0476

131.1506,
126.0064, 123.1117

 1.5071, 1.0365,
0.5843

164.0372,
158.6497, 156.2725

 0.3306, 0.0000,
0.0000

202.0074,

 0.0000, 0.0000,

196.4935, 194.9099

0.0000

245.4266,
239.9222, 239.4422

■ 30.1850, 27.3443,
24.8062

■ 30.1850, 27.3443,
24.8062

■ 27.0018, 22.7094,
18.4068

■ 33.9401, 32.7993,
32.3938

■ 24.3604, 18.8513,
13.1339

■ 38.2910, 39.1072,
41.2237

■ 22.2312, 15.7288,
8.9227

■ 43.2627, 46.3039,
51.3487

■ 20.5811, 13.2950,
5.7013

■ 48.8783, 54.4219,
62.8181

■ 19.3728, 11.4979,
3.3888

■ 55.1596, 63.4922,
75.6785

■ 18.5637, 10.2779,
1.8916

■ 62.1275, 73.5442,
89.9745

■ 18.1011, 9.5637,
1.0872

■ 69.8020, 84.6062,
105.7484

■ 17.9877, 9.3965,
0.8656

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



30.6137, 27.3443, 30.9323



30.1850, 27.3443, 24.8062



28.6061, 27.3443, 20.6342

Triad

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



30.1850, 27.3443, 24.8062



22.5644, 27.3443, 23.0923



25.5924, 27.3443, 44.1385

Complementary

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



30.1850, 27.3443, 24.8062



32.1781, 38.1515, 46.7424

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.



23.5384, 27.3443, 41.2768



30.1850, 27.3443, 24.8062



21.8569, 27.3443, 28.6436

Square

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



30.1850, 27.3443, 24.8062



24.1922, 27.3443, 19.7509



22.2028, 27.3443, 35.3628



27.8746, 27.3443, 42.7160

Rectangle

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



30.1850, 27.3443, 24.8062



27.1601, 27.3443, 19.2105



22.2028, 27.3443, 35.3628



24.8539, 27.3443, 43.6347

Sweetspot

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



30.1857, 27.3456, 24.8068



67.7767, 68.5073, 71.3711



33.5729, 28.2699, 43.9706



14.4271, 14.4681, 14.9367



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.



30.1857, 27.3456, 24.8068



51.4993, 44.8697, 38.4546



33.5778, 34.1297, 25.9375



8.5251, 8.5626, 8.8560



13.2092, 6.9169, 0.6389



0.4254, 0.2372, 0.0234

Inverse Universe

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



32.1781, 38.1515, 46.7424



55.6890, 67.6017, 84.6086



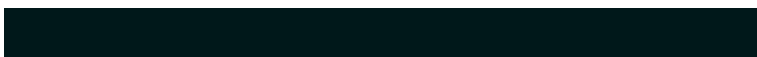
28.1846, 30.1645, 45.4112



8.7103, 9.5668, 10.8938



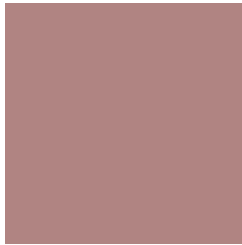
16.0807, 22.9618, 33.7215



0.5156, 0.7418, 1.0642

Previews

White Background



This preview shows how the XYZ color 30.1850, 27.3443, 24.8062 looks on a white background.

Color Contrast Check

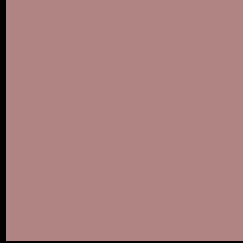
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1850, 27.3443, 24.8062 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 30.1850, 27.3443, 24.8062

Background



This preview shows how black text looks on a background with the XYZ color 30.1850, 27.3443, 24.8062.



This preview shows how white text looks on a background with the XYZ color 30.1850, 27.3443,

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

30.1850, 27.3443, 24.8062

Protanopia

26.1496, 27.3266, 27.1889

Deuteranopia

27.9512, 27.4433, 24.5928



Tritanopia

30.8477, 27.2058, 28.4363

Trichromacy



Original Color

30.1850, 27.3443, 24.8062

Protanomaly

27.4921, 27.1673, 26.3491

Deuteranomaly

28.7030, 27.4088, 24.5465

Tritanomaly

30.6917, 27.3573, 26.9554

Monochromacy



Original Color

30.1850, 27.3443, 24.8062

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8220, 27.7175, 28.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1850, 27.3443, 24.8062 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, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 132, 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, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 132, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.1850, 27.3443, 24.8062 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, 132, 130) }
```


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

```
.border{ border-color:rgb(176, 132, 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, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 132,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1850, 27.3443, 24.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 132, 130) }
```

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

```
.background{ background-color: rgb(176,  
132, 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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