

Converting Colors

XYZ(30.4475, 28.5034, 31.0595)

Have a look what the booklet for
XYZ(30.4475, 28.5034, 31.0595)
contains.

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Color

**XYZ(30.4252, 28.5771,
31.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	A88A92
RGB	168, 138, 146
RGB Percent	66%, 54%, 57%
CMY	0.3412, 0.4588, 0.4274
CMYK	0.00, 0.18, 0.13, 0.34
HSL	344°, 15%, 60%
HSV	344°, 18%, 66%
XYZ	30.4252, 28.5771, 31.1065
YIQ	147.8820, 15.3120, 8.8480

Conversions

Conversions Part 2

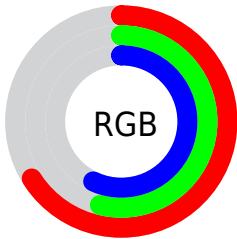
Format	Color
RYB	168, 138, 146
Decimal	11045522
CIELab	60.41, 12.69, 0.01
CIElCh	60, 12.695, 0.058
Yxy	28.5771, 0.3376, 0.3171
Android (android.graphics.Color)	4289235602 (0xFFA88A92)
YUV	147.8820, -0.9278, 17.6435
Hunter-Lab	53.4576, 8.0420, 2.9199

Details

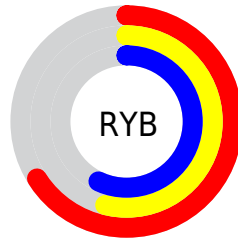
The XYZ color **30.4252, 28.5771, 31.1065** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.8301, 35.9472, 38.5729**, and the grayscale version is **28.0991, 29.5624, 32.1934**.

A 20% lighter version of the original color is **59.7064, 57.5574, 62.6064**, and **12.8035, 11.5370, 12.6184** is the 20% darker color. If you saturate the color by 10%, you get **27.2915, 23.7616, 25.5854**, and if you desaturate by 10%, it is **34.0367, 34.1822, 37.2973**.

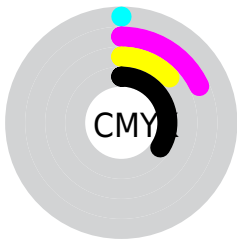
Distribution



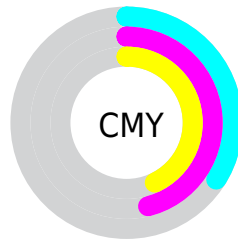
- Red (66%)
- Green (54%)
- Blue (57%)



- Red (66%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (34%)



- Cyan (34%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4252, 28.5771, 31.1065 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 30.4252, 28.5771, 31.1065 by changing the saturation by 10% instead.

■ 30.4252, 28.5771,
31.1065

■ 30.4252, 28.5771,
31.1065

295.7558,
295.2143, 321.3950

■ 20.3112, 18.7611,
20.4208

■ 59.7160, 57.4045,
62.4892

■ 12.7311, 11.4978,
12.5142

■ 79.6235, 77.1847,
84.0234

■ 7.3193, 6.4027,
6.9681

■ 103.5262,
101.0552, 110.0108

■ 3.7107, 3.0915,
3.3640

131.7896,
129.4002, 140.8699

■ 1.5398, 1.1797,
1.2834

164.7788,
162.6043, 177.0194

■ 0.3527, 0.0450,
0.0481

202.8594,

■ 0.0000, 0.0000,

201.0517, 218.8777

0.0000

246.3966,
245.1269, 266.8634

■ 30.4252, 28.5771,
31.1065

■ 30.4252, 28.5771,
31.1065

■ 27.2915, 23.7616,
25.5854

■ 34.0367, 34.1822,
37.2973

■ 24.6129, 19.6963,
20.7092

■ 38.1426, 40.6062,
44.1776

■ 22.3682, 16.3444,
16.4544

■ 42.7618, 47.8817,
51.7688

■ 20.5338, 13.6642,
12.7952

■ 47.9115, 56.0384,
60.0907

■ 19.0836, 11.6099,
9.7039

■ 53.6079, 65.1045,
69.1624

■ 17.9886, 10.1296,
7.1506

■ 59.8666, 75.1069,
79.0022

■ 17.2150, 9.1632,
5.1021

■ 66.5095, 85.6853,
89.5634

■ 16.7095, 8.6118,
3.5167

■ 68.3245, 86.4113,
99.1210

■ 16.6181, 8.5127,
3.2285

■ 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



29.9753, 28.5771, 35.8248



30.4252, 28.5771, 31.1065



29.9719, 28.5771, 26.8240

Triad

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



30.4252, 28.5771, 31.1065



25.6187, 28.5771, 23.9613



25.6239, 28.5771, 39.5793

Complementary

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



30.4252, 28.5771, 31.1065



30.8301, 35.9472, 38.5729

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.



24.5329, 28.5771, 35.8421



30.4252, 28.5771, 31.1065



24.5299, 28.5771, 26.8383

Square

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



30.4252, 28.5771, 31.1065



27.1585, 28.5771, 22.9593



24.1403, 28.5771, 31.1247



27.1649, 28.5771, 41.0056

Rectangle

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



30.4252, 28.5771, 31.1065



29.2285, 28.5771, 24.7159



24.1403, 28.5771, 31.1247



25.1947, 28.5771, 38.5343

Sweetspot

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



30.4260, 28.5784, 31.1071



63.7317, 65.0980, 71.0040



30.6545, 28.4790, 40.9274



13.7851, 14.0235, 15.2977



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.4260, 28.5784, 31.1071



53.1072, 48.6136, 52.7741



30.8622, 30.4118, 28.2898



7.6102, 7.5739, 8.2645



12.5680, 6.4359, 2.5368



0.3265, 0.1649, 0.1708

Inverse Universe

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



30.4260, 28.5784, 31.1071



53.1072, 48.6136, 52.7741



30.2949, 33.7210, 41.9581



7.6102, 7.5739, 8.2645



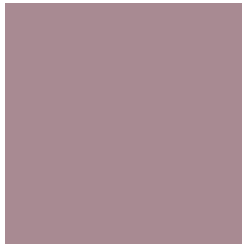
12.5680, 6.4359, 2.5368



0.3265, 0.1649, 0.1708

Previews

White Background



This preview shows how the XYZ color 30.4252, 28.5771, 31.1065 looks on a white background.

Color Contrast Check

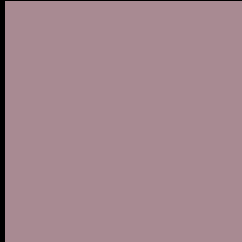
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4252, 28.5771, 31.1065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

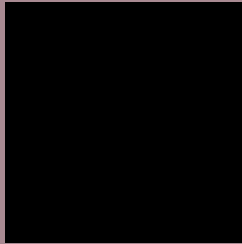
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4252, 28.5771, 31.1065

Background



This preview shows how black text looks on a background with the XYZ color 30.4252, 28.5771, 31.1065.



This preview shows how white text looks on a background with the XYZ color 30.4252, 28.5771,

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

30.4252, 28.5771, 31.1065

Protanopia

27.6630, 28.6559, 32.9273

Deuteranopia

29.1329, 28.5677, 30.7667



Tritanopia

30.5822, 28.6399, 31.9332

Trichromacy



Original Color

30.4252, 28.5771, 31.1065

Protanomaly

28.6154, 28.4845, 32.4236

Deuteranomaly

29.5932, 28.5870, 30.7462

Tritanomaly

30.5034, 28.6084, 31.5180

Monochromacy



Original Color

30.4252, 28.5771, 31.1065

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7573, 29.0217, 31.6898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4252, 28.5771, 31.1065 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(168, 138, 146) looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 146)  
}
```

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(168, 138, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.4252, 28.5771, 31.1065 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(168, 138, 146) }
```


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

```
.border{ border-color:rgb(168, 138, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 146);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4252, 28.5771, 31.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 146) }
```

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

```
.background{ background-color: rgb(168,  
138, 146) }
```

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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