

Converting Colors

XYZ(30.1037, 28.1246, 32.8302)

Have a look what the booklet for
XYZ(30.1037, 28.1246, 32.8302)
contains.

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Color

**XYZ(30.1766, 28.2003,
32.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	A68996
RGB	166, 137, 150
RGB Percent	65%, 54%, 59%
CMY	0.3490, 0.4627, 0.4118
CMYK	0.00, 0.17, 0.10, 0.35
HSL	333°, 14%, 59%
HSV	333°, 17%, 65%
XYZ	30.1766, 28.2003, 32.7069
YIQ	147.1530, 13.1110, 10.1910

Conversions

Conversions Part 2

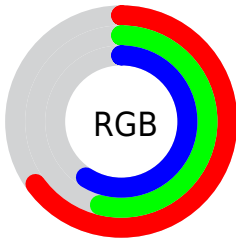
Format	Color
R_{YB}	166, 137, 150
Decimal	10914198
CIE _{Lab}	60.07, 13.21, -2.79
CIE _{LCh}	60, 13.506, 348.078
Yxy	28.2003, 0.3313, 0.3096
Android (android.graphics.Color)	4289104278 (0xFFA68996)
YUV	147.1530, 1.4036, 16.5288
Hunter-Lab	53.1040, 8.5016, 0.6559

Details

The XYZ color **30.1766, 28.2003, 32.7069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7037, 34.8915, 35.3079**, and the grayscale version is **27.7877, 29.2348, 31.8367**.

A 20% lighter version of the original color is **59.1313, 56.5587, 64.9271**, and **12.5998, 11.2946, 13.3204** is the 20% darker color. If you saturate the color by 10%, you get **27.2872, 23.5557, 28.2460**, and if you desaturate by 10%, it is **33.4884, 33.5966, 37.5937**.

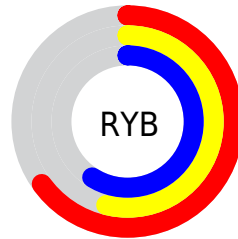
Distribution



Red (65%)

Green (54%)

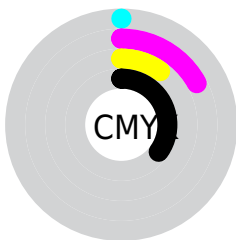
Blue (59%)



Red (65%)

Yellow (54%)

Blue (59%)

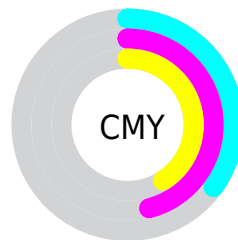


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (35%)



Cyan (35%)


Magenta (46%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1766, 28.2003, 32.7069 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 30.1766, 28.2003, 32.7069 by changing the saturation by 10% instead.


 30.1766, 28.2003,
32.7069


 30.1766, 28.2003,
32.7069


294.6218,
293.4228, 328.9184


 20.1214, 18.4767,
21.6327

 59.3261, 56.8041,
65.0284

 12.5921, 11.2928,
13.3916


 79.1510, 76.4530,
87.1128

 7.2233, 6.2641,
7.5648


 102.9633,
100.1792, 113.7043

 3.6497, 3.0063,
3.7340

131.1283,
128.3671, 145.2216

 1.5059, 1.1350,
1.4806

164.0113,
161.4010, 182.0831

 0.3299, 0.0077,
0.2034

201.9776,

 0.0000, 0.0000,

199.6653, 224.7073

0.0000

245.3927,
243.5444, 273.5129

■ 30.1766, 28.2003,
32.7069

■ 30.1766, 28.2003,
32.7069

■ 27.2872, 23.5557,
28.2460

■ 33.4884, 33.5966,
37.5937

■ 24.7998, 19.6255,
24.1968

■ 37.2369, 39.7722,
42.9166

■ 22.6961, 16.3746,
20.5469

■ 41.4386, 46.7582,
48.6873

■ 20.9553, 13.7637,
17.2822

■ 46.1087, 54.5826,
54.9168

■ 19.5544, 11.7494,
14.3881

■ 51.2614, 63.2722,
61.6156

■ 18.4678, 10.2825,
11.8482

■ 56.9103, 72.8525,
68.7938

■ 17.6657, 9.3062,
9.6448

■ 63.0687, 83.3480,
76.4612

■ 17.1016, 8.7303,
7.7540

■ 64.8429, 84.9698,
82.9918

■ 16.9758, 8.6070,
7.3169

■ 66.1138, 85.4782,
89.6844

Harmonies

Analogous

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



29.3443, 28.2003, 37.4890



30.1766, 28.2003, 32.7069



30.0771, 28.2003, 27.8549

Triad

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



30.1766, 28.2003, 32.7069



25.7888, 28.2003, 22.5418



24.6510, 28.2003, 38.3178

Complementary

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



30.1766, 28.2003, 32.7069



29.7037, 34.8915, 35.3079

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.



23.7766, 28.2003, 33.7439



30.1766, 28.2003, 32.7069



24.4139, 28.2003, 24.7938

Square

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



30.1766, 28.2003, 32.7069



27.4936, 28.2003, 22.3279



23.6917, 28.2003, 28.7871



26.1251, 28.2003, 40.9530

Rectangle

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



30.1766, 28.2003, 32.7069



29.4962, 28.2003, 25.2188



23.6917, 28.2003, 28.7871



24.2799, 28.2003, 36.9349

Sweetspot

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



30.1774, 28.2016, 32.7075



62.3203, 63.5055, 70.4502



28.9571, 27.4133, 39.8420



13.8468, 14.0482, 15.6229



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.



30.1774, 28.2016, 32.7075



52.6218, 47.7167, 56.0938



29.3954, 28.2208, 27.5662



7.6656, 7.5961, 8.5564



13.1867, 6.6834, 5.7945



0.3468, 0.1730, 0.2777

Inverse Universe

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



30.1774, 28.2016, 32.7075



52.6218, 47.7167, 56.0938



30.5745, 34.8205, 41.1865



7.6656, 7.5961, 8.5564



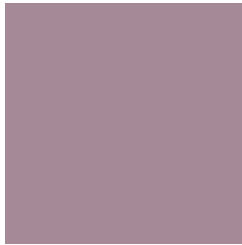
13.1867, 6.6834, 5.7945



0.3468, 0.1730, 0.2777

Previews

White Background



This preview shows how the XYZ color 30.1766, 28.2003, 32.7069 looks on a white background.

Color Contrast Check

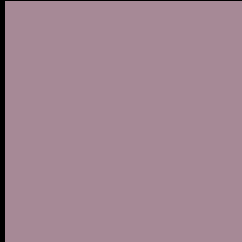
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1766, 28.2003, 32.7069 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 30.1766, 28.2003, 32.7069

Background



This preview shows how black text looks on a background with the XYZ color 30.1766, 28.2003, 32.7069.



This preview shows how white text looks on a background with the XYZ color 30.1766, 28.2003,

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

30.1766, 28.2003, 32.7069

Protanopia

27.4830, 28.2994, 34.5857

Deuteranopia

28.7075, 28.0942, 32.3434



Tritanopia

30.0168, 28.1364, 31.8658

Trichromacy



Original Color

30.1766, 28.2003, 32.7069

Protanomaly

28.4115, 28.1220, 34.0676

Deuteranomaly

29.1546, 28.1087, 32.3227

Tritanomaly

30.0964, 28.1682, 32.2845

Monochromacy



Original Color

30.1766, 28.2003, 32.7069

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.4942, 28.6531, 32.0458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1766, 28.2003, 32.7069 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(166, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 150)  
}
```

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(166, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.1766, 28.2003, 32.7069 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(166, 137, 150) }
```


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

```
.border{ border-color:rgb(166, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1766, 28.2003, 32.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 150) }
```

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

```
.background{ background-color: rgb(166,  
137, 150) }
```

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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