

Converting Colors

XYZ(34.7096, 35.1912, 30.4506)

Have a look what the booklet for
XYZ(34.7096, 35.1912, 30.4506)
contains.

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Color

**XYZ(34.8440, 35.2970,
30.5677)**

Conversions

Conversions Part 1

Format	Color
Hex	B09D8E
RGB	176, 157, 142
RGB Percent	69%, 62%, 56%
CMY	0.3098, 0.3843, 0.4431
CMYK	0.00, 0.11, 0.19, 0.31
HSL	26°, 18%, 62%
HSV	26°, 19%, 69%
XYZ	34.8440, 35.2970, 30.5677
YIQ	160.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

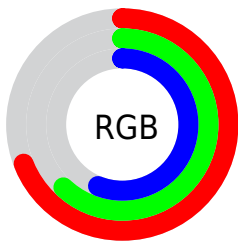
Format	Color
RYB	176, 169, 142
Decimal	11574670
CIELab	65.98, 4.49, 10.39
CIELCh	66, 11.315, 66.619
Yxy	35.2970, 0.3460, 0.3505
Android (android.graphics.Color)	4289764750 (0xFFB09D8E)
YUV	160.9710, -9.3527, 13.1804
Hunter-Lab	59.4113, 0.7184, 11.0826

Details

The XYZ color **34.8440, 35.2970, 30.5677** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7366, 34.3745, 46.0370**, and the grayscale version is **33.9004, 35.6658, 38.8401**.

A 20% lighter version of the original color is **66.7860, 68.2283, 61.8739**, and **15.2542, 15.2917, 12.2728** is the 20% darker color. If you saturate the color by 10%, you get **32.0285, 31.6161, 23.6165**, and if you desaturate by 10%, it is **38.0041, 39.3324, 38.6640**.

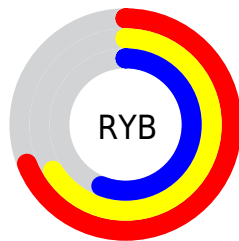
Distribution



Red (69%)

Green (62%)

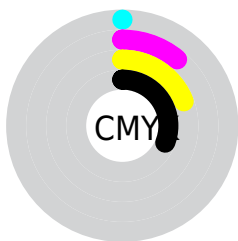
Blue (56%)



Red (69%)

Yellow (66%)

Blue (56%)

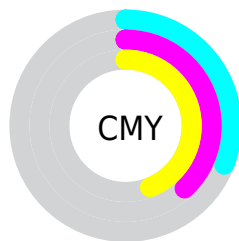


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8440, 35.2970, 30.5677 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 34.8440, 35.2970, 30.5677 by changing the saturation by 10% instead.


 34.8440, 35.2970,
30.5677


 34.8440, 35.2970,
30.5677


315.3993,
325.8773, 318.8310


 23.7087, 23.8917,
20.0142


 66.5796, 67.9456,
61.6304

 15.2412, 15.2533,
12.2212


 87.9107, 89.9578,
82.9766

 9.0763, 8.9974,
6.7701


 113.3710,
116.2743, 108.7576

 4.8485, 4.7395,
3.2425

143.3260,
147.2797, 139.3917

 2.1925, 2.0952,
1.2198

178.1409,
183.3583, 175.2976

 0.7388, 0.6619,
0.0000

218.1812,

 0.0000, 0.0000,

224.8945, 216.8937

0.0000

263.8122,
272.2727, 264.5987

■ 34.8440, 35.2970,
30.5677

■ 34.8440, 35.2970,
30.5677

■ 32.0285, 31.6161,
23.6165

■ 38.0041, 39.3324,
38.6640

■ 29.5417, 28.2747,
17.7557

■ 41.5180, 43.7273,
47.9523

■ 27.3708, 25.2638,
12.9293

■ 45.3982, 48.4925,
58.4794

■ 25.5010, 22.5720,
9.0756

■ 49.6556, 53.6370,
70.2891

■ 23.9158, 20.1870,
6.1261

■ 54.3008, 59.1694,
83.4230

■ 22.5971, 18.0957,
4.0032

■ 59.3438, 65.0980,
97.9208

■ 21.5241, 16.2836,
2.6158

■ 63.1077, 70.7562,
104.9389

■ 20.6595, 14.7292,
1.7886

■ 65.8564, 76.2537,
105.8552

■ 20.6052, 14.6313,
1.7381

■ 68.7610, 82.0628,
106.8234

Harmonies

Analogous

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



36.2025, 35.2970, 33.1856



34.8440, 35.2970, 30.5677



33.1786, 35.2970, 29.9738

Triad

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



34.8440, 35.2970, 30.5677



30.4482, 35.2970, 39.5062



35.5081, 35.2970, 46.3267

Complementary

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



34.8440, 35.2970, 30.5677



31.7366, 34.3745, 46.0370

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.



33.9216, 35.2970, 48.3492



34.8440, 35.2970, 30.5677



31.0280, 35.2970, 44.2051

Square

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



34.8440, 35.2970, 30.5677



30.6767, 35.2970, 34.8848



32.2860, 35.2970, 47.5422



36.5947, 35.2970, 42.2128

Rectangle

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



34.8440, 35.2970, 30.5677



32.1253, 35.2970, 30.7573



32.2860, 35.2970, 47.5422



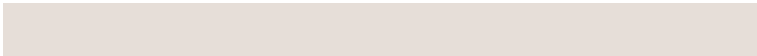
35.0136, 35.2970, 47.2886

Sweetspot

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



34.8449, 35.2986, 30.5684



70.9025, 73.8240, 75.2954



34.0345, 31.1592, 38.0626



15.2806, 15.8920, 16.0942



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.



34.8449, 35.2986, 30.5684



61.0363, 61.2153, 50.0450



37.8720, 41.3528, 31.5775



8.7947, 9.1018, 8.9458



15.1747, 10.8480, 1.2941



0.5359, 0.4583, 0.0602

Inverse Universe

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



31.7366, 34.3745, 46.0370



54.4008, 59.2415, 83.0628



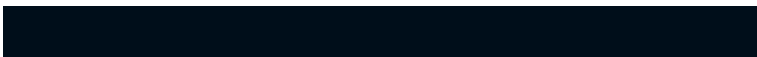
29.0060, 28.9133, 45.1268



8.4226, 8.9913, 10.7979



9.0367, 8.8737, 31.3735



0.3413, 0.3931, 1.0061

Previews

White Background



This preview shows how the XYZ color 34.8440, 35.2970, 30.5677 looks on a white background.

Color Contrast Check

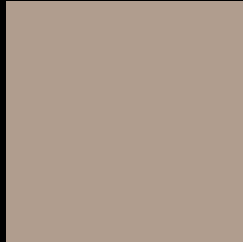
Large Text (above 18pt) WCAG AA × Fail

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 34.8440, 35.2970, 30.5677 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 ✓ Pass

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

XYZ 34.8440, 35.2970, 30.5677

Background



This preview shows how black text looks on a background with the XYZ color 34.8440, 35.2970, 30.5677.



This preview shows how white text looks on a background with the XYZ color 34.8440, 35.2970,

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

34.8440, 35.2970, 30.5677

Protanopia

33.4651, 35.3403, 31.0442

Deuteranopia

35.8952, 35.3408, 30.5208



Tritanopia

37.0289, 35.4481, 40.9669

Trichromacy



Original Color

34.8440, 35.2970, 30.5677

Protanomaly

33.9336, 35.3255, 31.0166

Deuteranomaly

35.5933, 35.4332, 30.5545

Tritanomaly

36.1672, 35.3420, 36.8138

Monochromacy



Original Color

34.8440, 35.2970, 30.5677

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1294, 35.5817, 35.6410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8440, 35.2970, 30.5677 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, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 142)  
}
```

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, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.8440, 35.2970, 30.5677 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, 157, 142) }
```


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

```
.border{ border-color:rgb(176, 157, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 157, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8440, 35.2970, 30.5677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 142) }
```

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

```
.background{ background-color: rgb(176,  
157, 142) }
```

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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