

# Converting Colors

XYZ(35.6480, 35.0831, 29.7041)

Have a look what the booklet for  
XYZ(35.6480, 35.0831, 29.7041)  
contains.

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# Color

**XYZ(35.5806, 34.9497,  
29.6816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B69A8C
RGB	182, 154, 140
RGB Percent	71%, 60%, 55%
CMY	0.2863, 0.3961, 0.4510
CMYK	0.00, 0.15, 0.23, 0.29
HSL	20°, 22%, 63%
HSV	20°, 23%, 71%
XYZ	35.5806, 34.9497, 29.6816
YIQ	160.7760, 21.1820, 1.5820

# Conversions

## Conversions Part 2

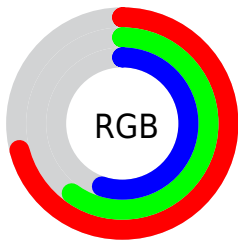
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 161, 140
Decimal	11967116
CIE <sub>Lab</sub>	65.71, 8.16, 11.20
CIE <sub>LCh</sub>	66, 13.854, 53.930
Yxy	34.9497, 0.3551, 0.3488
Android (android.graphics.Color)	4290157196 (0xFFB69A8C)
YUV	160.7760, -10.2426, 18.6134
Hunter-Lab	59.1183, 3.9741, 11.6150

# Details

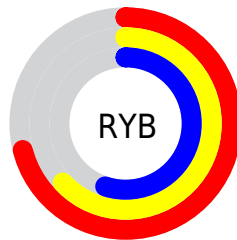
The XYZ color **35.5806, 34.9497, 29.6816** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2610, 36.9571, 49.6365**, and the grayscale version is **33.8122, 35.5730, 38.7390**.

A 20% lighter version of the original color is **67.5534, 67.1839, 60.4463**, and **15.7490, 15.1058, 11.7585** is the 20% darker color. If you saturate the color by 10%, you get **32.4461, 30.6535, 22.5544**, and if you desaturate by 10%, it is **39.1414, 39.7427, 38.0468**.

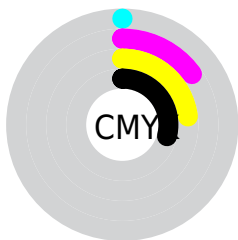
# Distribution



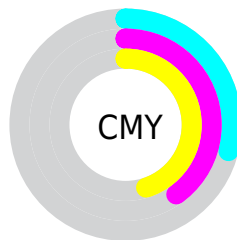
- Red (71%)
- Green (60%)
- Blue (55%)



- Red (71%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (29%)




- Cyan (29%)
- Magenta (40%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5806, 34.9497, 29.6816 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 35.5806, 34.9497, 29.6816 by changing the saturation by 10% instead.





 35.5806, 34.9497,  
29.6816


 35.5806, 34.9497,  
29.6816

318.5870,  
324.3463, 314.5785


 24.2791, 23.6241,  
19.3470


 67.7124, 67.4078,  
60.2133

 15.6666, 15.0550,  
11.7420


 89.2733, 89.3092,  
81.2476

 9.3779, 8.8580,  
6.4478


 114.9847,  
115.5046, 106.6855

 5.0476, 4.6487,  
3.0461

145.2120,  
146.3785, 136.9455

 2.3102, 2.0426,  
1.1182

180.3206,  
182.3152, 172.4463

 0.7999, 0.6321,  
0.0000

220.6757,

 0.0000, 0.0000,

223.6991, 213.6064

0.0000

266.6427,  
270.9147, 260.8443

■ 35.5806, 34.9497,  
29.6816

■ 35.5806, 34.9497,  
29.6816

■ 32.4461, 30.6535,  
22.5544

■ 39.1414, 39.7427,  
38.0468

■ 29.7182, 26.8329,  
16.6037

■ 43.1415, 45.0432,  
47.7032

■ 27.3796, 23.4724,  
11.7657

■ 47.5970, 50.8676,  
58.7035

■ 25.4110, 20.5534,  
7.9698

■ 52.5220, 57.2301,  
71.0970

■ 23.7906, 18.0564,  
5.1372

■ 57.9303, 64.1444,  
84.9302

■ 22.4945, 15.9597,  
3.1775

■ 63.8349, 71.6235,  
100.2476

■ 21.4947, 14.2395,  
1.9830

■ 68.1866, 78.8555,  
106.2345

■ 20.9433, 13.2488,  
1.4534

■ 71.8571, 86.1963,  
107.4580

■ 73.1015, 88.6851,  
107.8728

# Harmonies

## Analogous

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



36.9322, 34.9497, 33.6795



35.5806, 34.9497, 29.6816



33.6349, 34.9497, 27.9462

# Triad

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



35.5806, 34.9497, 29.6816



29.4709, 34.9497, 36.8795



34.8343, 34.9497, 49.2664

# Complementary

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



35.5806, 34.9497, 29.6816



33.2610, 36.9571, 49.6365

# 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.



32.8059, 34.9497, 50.3459



35.5806, 34.9497, 29.6816



29.7627, 34.9497, 42.7924

# Square

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



35.5806, 34.9497, 29.6816



30.1496, 34.9497, 31.8194



30.9636, 34.9497, 47.8697



36.4892, 34.9497, 45.0546



# Rectangle

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



35.5806, 34.9497, 29.6816



32.2838, 34.9497, 28.1643



30.9636, 34.9497, 47.8697



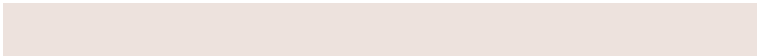
34.1714, 34.9497, 50.0245

# Sweetspot

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



35.5815, 34.9513, 29.6823



75.1857, 77.6655, 79.1206



35.7377, 31.5288, 41.2482



16.5101, 17.0268, 17.2431



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.



35.5815, 34.9513, 29.6823



61.3470, 59.0513, 46.5670



39.3553, 42.4987, 30.9402



9.2427, 9.4884, 9.4512



14.8453, 9.4669, 1.0449



0.5818, 0.4506, 0.0563



# Inverse Universe

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



33.2610, 36.9571, 49.6365



56.3508, 63.3590, 89.4952



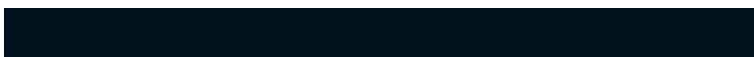
29.6928, 29.8207, 48.4471



9.0076, 9.6924, 11.4755



10.8815, 12.2228, 33.0388



0.4380, 0.5397, 1.1828



# Previews

## White Background



This preview shows how the XYZ color 35.5806, 34.9497, 29.6816 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 35.5806, 34.9497, 29.6816 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

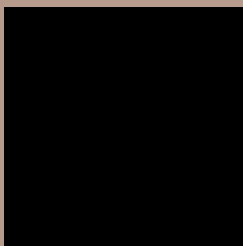
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

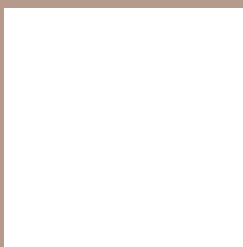
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 35.5806, 34.9497, 29.6816**

## **Background**



This preview shows how black text looks on a background with the XYZ color 35.5806, 34.9497, 29.6816.



This preview shows how white text looks on a background with the XYZ color 35.5806, 34.9497,



# 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

35.5806, 34.9497, 29.6816

### Protanopia

33.2924, 34.9949, 30.9866

### Deuteranopia

35.5806, 34.9497, 29.6816



## Tritanopia

37.5958, 35.0561, 38.9674

# Trichromacy



## Original Color

35.5806, 34.9497, 29.6816

## Protanomaly

33.9527, 34.8376, 30.5260

## Deuteranomaly

35.5806, 34.9497, 29.6816

## Tritanomaly

36.8281, 34.9799, 35.3826

# Monochromacy



## Original Color

35.5806, 34.9497, 29.6816

## Achromatopsia

33.8758, 35.6400, 38.8120

## Achromatomaly

34.3388, 35.1886, 35.1192

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 35.5806, 34.9497, 29.6816 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(182, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 140)  
}
```

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(182, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 140) }
```

## Border

The CSS property to change the border of an element to XYZ 35.5806, 34.9497, 29.6816 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(182, 154, 140) }
```



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

```
.border{ border-color:rgb(182, 154, 140) }
```

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

Here you see how a box with a 4 pixel rgb(182, 154, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
140) }
```

# Background

The CSS property to change the background color of an element to XYZ 35.5806, 34.9497, 29.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 140) }
```

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

```
.background{ background-color: rgb(182,  
154, 140) }
```

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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