

Converting Colors

XYZ(36.4917, 35.0604, 28.5775)

Have a look what the booklet for
XYZ(36.4917, 35.0604, 28.5775)
contains.

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Color

**XYZ(36.4826, 34.9540,
28.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9889
RGB	188, 152, 137
RGB Percent	74%, 60%, 54%
CMY	0.2627, 0.4039, 0.4627
CMYK	0.00, 0.19, 0.27, 0.26
HSL	18°, 28%, 64%
HSV	18°, 27%, 74%
XYZ	36.4826, 34.9540, 28.4909
YIQ	161.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

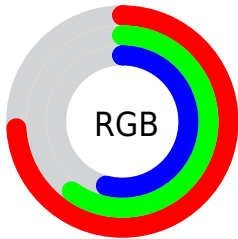
Format	Color
R _Y B	188, 158, 137
Decimal	12359817
CIE Lab	65.71, 11.16, 12.96
CIE LCh	66, 17.106, 49.267
Yxy	34.9540, 0.3651, 0.3498
Android (android.graphics.Color)	4290549897 (0xFFBC9889)
YUV	161.0540, -11.8586, 23.6316
Hunter-Lab	59.1219, 6.6844, 12.8134

Details

The XYZ color **36.4826, 34.9540, 28.4909** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.3367, 38.8351, 53.2632**, and the grayscale version is **33.9470, 35.7149, 38.8935**.

A 20% lighter version of the original color is **69.0218, 67.2728, 58.0623**, and **16.2055, 15.0638, 11.0703** is the 20% darker color. If you saturate the color by 10%, you get **33.2154, 30.3930, 21.3181**, and if you desaturate by 10%, it is **40.2276, 40.0942, 36.9831**.

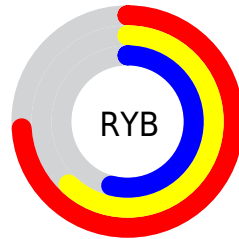
Distribution



Red (74%)

Green (60%)

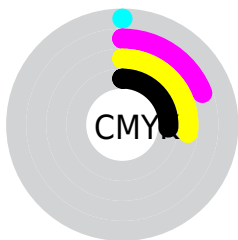
Blue (54%)



Red (74%)

Yellow (62%)

Blue (54%)

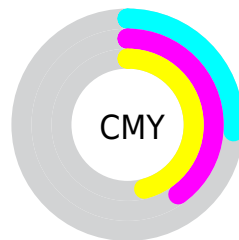


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4826, 34.9540, 28.4909 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 36.4826, 34.9540, 28.4909 by changing the saturation by 10% instead.


 36.4826, 34.9540,
28.4909


 36.4826, 34.9540,
28.4909


322.4596,
324.3652, 308.7907


 24.9790, 23.6274,
18.4538


 69.0953, 67.4145,
58.2997

 16.1900, 15.0575,
11.1035

 90.9351, 89.3172,
78.9085

 9.7504, 8.8597,
6.0214


 116.9510,
115.5141, 103.8783

 5.2948, 4.6498,
2.7891

147.5084,
146.3896, 133.6276

 2.4578, 2.0433,
0.9880

182.9726,
182.3281, 168.5749

 0.8740, 0.6324,
0.0000

223.7089,

 0.0000, 0.0000,

223.7139, 209.1389

0.0000

270.0828,
270.9315, 255.7379

■ 36.4826, 34.9540,
28.4909

■ 36.4826, 34.9540,
28.4909

■ 33.2154, 30.3930,
21.3181

■ 40.2276, 40.0942,
36.9831

■ 30.4032, 26.3856,
15.3957

■ 44.4665, 45.8282,
46.8545

■ 28.0253, 22.9115,
10.6517

■ 49.2180, 52.1764,
58.1641

■ 26.0582, 19.9471,
7.0057

■ 54.4989, 59.1566,
70.9665

■ 24.4758, 17.4671,
4.3671

■ 60.3254, 66.7858,
85.3137

■ 23.2487, 15.4435,
2.6307

■ 66.7129, 75.0804,
101.2550

■ 22.3388, 13.8436,
1.6498

■ 71.4078, 83.1489,
106.8935

■ 22.1199, 13.4532,
1.4309

■ 74.5490, 89.4314,
107.9406

Harmonies

Analogous

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



38.0050, 34.9540, 33.6654



36.4826, 34.9540, 28.4909



34.1324, 34.9540, 25.9985

Triad

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



36.4826, 34.9540, 28.4909



28.6901, 34.9540, 35.5350



34.8457, 34.9540, 52.7031

Complementary

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



36.4826, 34.9540, 28.4909



34.3367, 38.8351, 53.2632

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.



32.3293, 34.9540, 53.3691



36.4826, 34.9540, 28.4909



28.8595, 34.9540, 42.8191

Square

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



36.4826, 34.9540, 28.4909



29.6880, 34.9540, 29.7105



30.1631, 34.9540, 49.5601



37.0274, 34.9540, 47.8409

Rectangle

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



36.4826, 34.9540, 28.4909



32.4493, 34.9540, 25.9508



30.1631, 34.9540, 49.5601



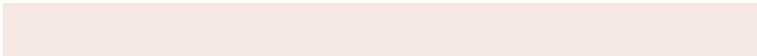
34.0083, 34.9540, 53.4464

Sweetspot

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



36.4835, 34.9556, 28.4916



79.7762, 81.9638, 83.0047



37.2811, 31.6215, 43.9536



16.8964, 17.2769, 17.2418



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.4835, 34.9556, 28.4916



62.2255, 57.9309, 43.0317



40.9668, 43.9222, 29.9861



9.7528, 9.9815, 9.9892



15.1174, 9.2735, 0.9932



0.6508, 0.4806, 0.0585

Inverse Universe

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



34.3367, 38.8351, 53.2632



57.6294, 66.2053, 95.9677



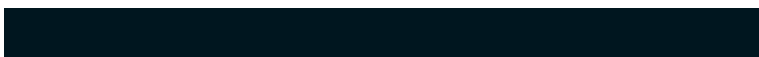
29.9918, 30.1451, 51.8148



9.5651, 10.3225, 12.1605



11.9289, 13.9696, 34.4606



0.5214, 0.6554, 1.3679

Previews

White Background



This preview shows how the XYZ color 36.4826, 34.9540, 28.4909 looks on a white background.

Color Contrast Check

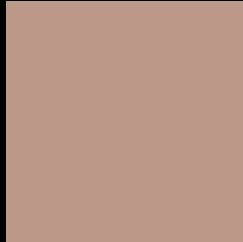
Large Text (above 18pt) WCAG AA × Fail

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 36.4826, 34.9540, 28.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

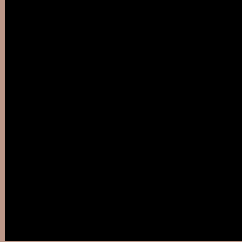
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4826, 34.9540, 28.4909

Background



This preview shows how black text looks on a background with the XYZ color 36.4826, 34.9540, 28.4909.



This preview shows how white text looks on a background with the XYZ color 36.4826, 34.9540,

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

36.4826, 34.9540, 28.4909

Protanopia

33.1422, 34.9349, 30.1956

Deuteranopia

35.8381, 35.1077, 28.5545



Tritanopia

38.5785, 35.1093, 38.0012

Trichromacy



Original Color

36.4826, 34.9540, 28.4909

Protanomaly

34.3013, 34.7843, 29.7171

Deuteranomaly

35.9142, 34.9029, 28.5110

Tritanomaly

37.8090, 35.0268, 34.4739

Monochromacy



Original Color

36.4826, 34.9540, 28.4909

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.6889, 35.3786, 34.7062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4826, 34.9540, 28.4909 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(188, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 137)  
}
```

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(188, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 137) }
```

Border

The CSS property to change the border of an element to XYZ 36.4826, 34.9540, 28.4909 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(188, 152, 137) }
```


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

```
.border{ border-color:rgb(188, 152, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4826, 34.9540, 28.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 137) }
```

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

```
.background{ background-color: rgb(188,  
152, 137) }
```

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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