

Converting Colors

XYZ(34.5818, 30.4025, 28.4710)

Have a look what the booklet for
XYZ(34.5818, 30.4025, 28.4710)
contains.

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Color

**XYZ(34.4506, 30.2912,
28.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	BD888B
RGB	189, 136, 139
RGB Percent	74%, 53%, 55%
CMY	0.2588, 0.4666, 0.4549
CMYK	0.00, 0.28, 0.26, 0.26
HSL	357°, 29%, 64%
HSV	357°, 28%, 74%
XYZ	34.4506, 30.2912, 28.4571
YIQ	152.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

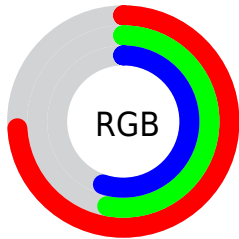
Format	Color
RYB	189, 136, 139
Decimal	12421259
CIELab	61.90, 20.70, 6.45
CIELCh	62, 21.682, 17.298
Yxy	30.2912, 0.3696, 0.3250
Android (android.graphics.Color)	4290611339 (0xFFBD888B)
YUV	152.1890, -6.5022, 32.2832
Hunter-Lab	55.0374, 15.4163, 7.8703

Details

The XYZ color **34.4506, 30.2912, 28.4571** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2151, 45.1753, 53.2149**, and the grayscale version is **29.9452, 31.5047, 34.3086**.

A 20% lighter version of the original color is **65.9339, 60.2255, 58.0188**, and **14.9625, 12.4452, 11.0647** is the 20% darker color. If you saturate the color by 10%, you get **30.8214, 24.9505, 21.3351**, and if you desaturate by 10%, it is **38.7633, 36.6585, 36.8561**.

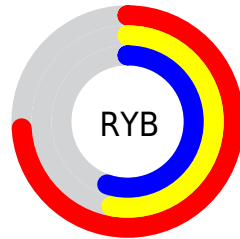
Distribution



Red (74%)

Green (53%)

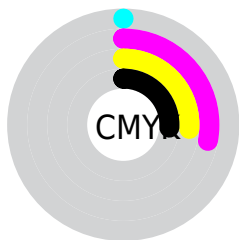
Blue (55%)



Red (74%)

Yellow (53%)

Blue (55%)

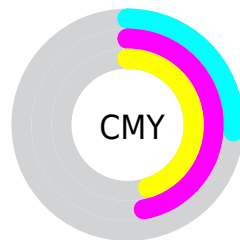


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (26%)



Cyan (26%)

Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4506, 30.2912, 28.4571 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 34.4506, 30.2912, 28.4571 by changing the saturation by 10% instead.


 34.4506, 30.2912,
28.4571


 34.4506, 30.2912,
28.4571


313.6873,
303.2595, 308.6251


 23.4045, 20.0597,
18.4285


 65.9734, 60.1224,
58.2453

 15.0148, 12.4385,
11.0854


 87.1809, 80.4909,
78.8419

 8.9162, 7.0430,
6.0094


 112.5061,
105.0072, 103.7982

 4.7432, 3.4890,
2.7819

142.3146,
134.0557, 133.5329

 2.1306, 1.3921,
0.9844

176.9716,
168.0208, 168.4643

 0.7058, 0.2109,
0.0000

216.8424,

 0.0000, 0.0000,

207.2868, 209.0112

0.0000

262.2926,
252.2382, 255.5919

■ 34.4506, 30.2912,
28.4571

■ 34.4506, 30.2912,
28.4571

■ 30.8214, 24.9505,
21.3351

■ 38.7633, 36.6585,
36.8561

■ 27.8384, 20.5786,
15.4259

■ 43.7896, 44.0975,
46.5883

■ 25.4642, 17.1188,
10.6623

■ 49.5605, 52.6562,
57.7090

■ 23.6570, 14.5065,
6.9701

■ 56.1048, 62.3780,
70.2696

■ 22.3692, 12.6688,
4.2663

■ 63.4495, 73.3041,
84.3191

■ 21.5458, 11.5204,
2.4554

■ 71.6203, 85.4740,
99.9040

■ 21.1070, 10.9315,
1.4194

■ 74.7963, 89.5588,
107.9521

■ 21.0449, 10.8423,
1.2907

Harmonies

Analogous

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



34.5812, 30.2912, 36.6200



34.4506, 30.2912, 28.4571



32.7411, 30.2912, 22.5816

Triad

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



34.4506, 30.2912, 28.4571



24.8838, 30.2912, 23.2926



27.5820, 30.2912, 51.1455

Complementary

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



34.4506, 30.2912, 28.4571



37.2151, 45.1753, 53.2149

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.



25.1719, 30.2912, 46.1671



34.4506, 30.2912, 28.4571



23.6859, 30.2912, 29.5932

Square

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



34.4506, 30.2912, 28.4571



27.1642, 30.2912, 19.9619



23.7877, 30.2912, 37.9627



30.4812, 30.2912, 50.7026

Rectangle

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



34.4506, 30.2912, 28.4571



30.9973, 30.2912, 20.3327



23.7877, 30.2912, 37.9627



26.6917, 30.2912, 50.0197

Sweetspot

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



34.4514, 30.2926, 28.4577



78.3420, 78.8526, 83.2752



38.1107, 31.6563, 52.2459



16.5371, 16.4977, 17.3090



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.



34.4514, 30.2926, 28.4577



57.3389, 47.8285, 42.4178



37.8235, 37.3823, 28.5163



9.5515, 9.5449, 10.0270



14.1692, 7.2988, 0.9187



0.5626, 0.2889, 0.0758

Inverse Universe

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



34.4514, 30.2926, 28.4577



57.3389, 47.8285, 42.4178



32.9821, 36.1941, 53.3921



9.5515, 9.5449, 10.0270



14.1692, 7.2988, 0.9187



0.5626, 0.2889, 0.0758

Previews

White Background



This preview shows how the XYZ color 34.4506, 30.2912, 28.4571 looks on a white background.

Color Contrast Check

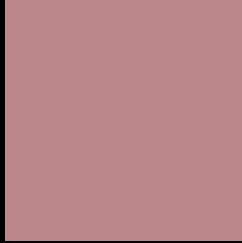
Large Text (above 18pt) WCAG AA × Fail

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 34.4506, 30.2912, 28.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

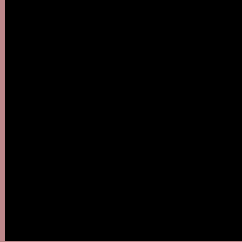
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4506, 30.2912, 28.4571

Background



This preview shows how black text looks on a background with the XYZ color 34.4506, 30.2912, 28.4571.



This preview shows how white text looks on a background with the XYZ color 34.4506, 30.2912,

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

34.4506, 30.2912, 28.4571

Protanopia

29.0726, 30.3425, 31.5185

Deuteranopia

31.0029, 30.4920, 27.9184



Tritanopia

35.0100, 30.3194, 30.7951

Trichromacy



Original Color

34.4506, 30.2912, 28.4571

Protanomaly

30.6571, 30.0367, 30.1685

Deuteranomaly

32.1649, 30.4111, 28.2194

Tritanomaly

34.8571, 30.2583, 29.9899

Monochromacy



Original Color

34.4506, 30.2912, 28.4571

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.0624, 30.6637, 31.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4506, 30.2912, 28.4571 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(189, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 136, 139)  
}
```

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(189, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 136, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.4506, 30.2912, 28.4571 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(189, 136, 139) }
```


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

```
.border{ border-color:rgb(189, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 136, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 136, 139); box-shadow:4px 4px 4px 4px rgb(189, 136, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4506, 30.2912, 28.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 136, 139) }
```

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

```
.background{ background-color: rgb(189,  
136, 139) }
```

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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