

Converting Colors

XYZ(34.4645, 30.6947, 29.6994)

Have a look what the booklet for
XYZ(34.4645, 30.6947, 29.6994)
contains.

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Color

**XYZ(34.4645, 30.6947,
29.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8A8E
RGB	187, 138, 142
RGB Percent	73%, 54%, 56%
CMY	0.2667, 0.4588, 0.4431
CMYK	0.00, 0.26, 0.24, 0.27
HSL	355°, 26%, 64%
HSV	355°, 26%, 73%
XYZ	34.4645, 30.6947, 29.6994
YIQ	153.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

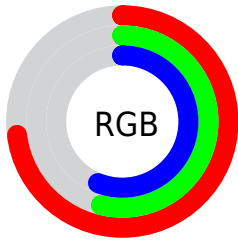
Format	Color
RYB	187, 138, 142
Decimal	12290702
CIELab	62.25, 19.26, 5.21
CIELCh	62, 19.956, 15.123
Yxy	30.6947, 0.3633, 0.3236
Android (android.graphics.Color)	4290480782 (0xFFBB8A8E)
YUV	153.1070, -5.4758, 29.7242
Hunter-Lab	55.4028, 14.0849, 6.9988

Details

The XYZ color **34.4645, 30.6947, 29.6994** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8001, 44.3636, 51.4254**, and the grayscale version is **30.3401, 31.9201, 34.7610**.

A 20% lighter version of the original color is **66.1217, 60.9179, 60.4979**, and **15.0944, 12.7387, 11.7885** is the 20% darker color. If you saturate the color by 10%, you get **30.8174, 25.3073, 22.6045**, and if you desaturate by 10%, it is **38.7740, 37.0882, 37.9960**.

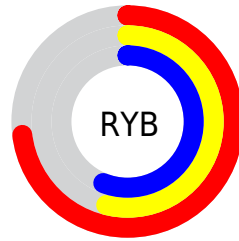
Distribution



Red (73%)

Green (54%)

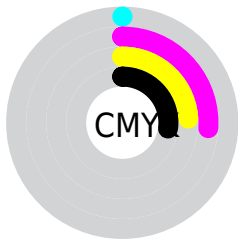
Blue (56%)



Red (73%)

Yellow (54%)

Blue (56%)

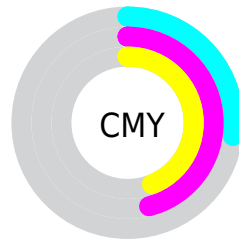


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4645, 30.6947, 29.6994 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 34.4645, 30.6947, 29.6994 by changing the saturation by 10% instead.


 34.4645, 30.6947,
29.6994


 34.4645, 30.6947,
29.6994


313.7479,
305.1293, 314.6643


 23.4152, 20.3665,
19.3604


 65.9949, 60.7591,
60.2418

 15.0228, 12.6617,
11.7516


 87.2067, 81.2640,
81.2824

 8.9218, 7.1960,
6.4543


 112.5367,
105.9300, 106.7272

 4.7469, 3.5850,
3.0500

142.3504,
135.1415, 136.9949

 2.1328, 1.4442,
1.1202

177.0129,
169.2827, 172.5038

 0.7069, 0.2490,
0.0000

216.8898,

 0.0000, 0.0000,

208.7382, 213.6727

0.0000

262.3464,
253.8922, 260.9200

■ 34.4645, 30.6947,
29.6994

■ 34.4645, 30.6947,
29.6994

■ 30.8174, 25.3073,
22.6045

■ 38.7740, 37.0882,
37.9960

■ 27.7973, 20.8709,
16.6538

■ 43.7737, 44.5310,
47.5446

■ 25.3696, 17.3314,
11.7878

■ 49.4931, 53.0688,
58.3945

■ 23.4951, 14.6276,
7.9411

■ 55.9591, 62.7433,
70.5922

■ 22.1302, 12.6908,
5.0409

■ 63.1972, 73.5941,
84.1817

■ 21.2242, 11.4412,
3.0051

■ 71.2319, 85.6590,
99.2051

■ 20.7135, 10.7762,
1.7362

■ 74.3037, 89.3049,
107.9291

■ 20.5817, 10.6001,
1.4227

Harmonies

Analogous

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



34.4709, 30.6947, 37.3754



34.4645, 30.6947, 29.6994



32.9829, 30.6947, 23.9749

Triad

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



34.4645, 30.6947, 29.6994



25.6565, 30.6947, 24.0111



27.8650, 30.6947, 49.9018

Complementary

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



34.4645, 30.6947, 29.6994



36.8001, 44.3636, 51.4254

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.



25.6710, 30.6947, 45.0709



34.4645, 30.6947, 29.6994



24.4502, 30.6947, 29.7564

Square

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



34.4645, 30.6947, 29.6994



27.8441, 30.6947, 21.0513



24.4554, 30.6947, 37.4419



30.5464, 30.6947, 49.8802

Rectangle

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



34.4645, 30.6947, 29.6994



31.4075, 30.6947, 21.6914



24.4554, 30.6947, 37.4419



27.0497, 30.6947, 48.7623

Sweetspot

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



34.4653, 30.6961, 29.7000



76.5726, 77.0337, 81.6752



37.5677, 31.8233, 51.1765



16.5540, 16.5044, 17.3979



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.



34.4653, 30.6961, 29.7000



58.1203, 49.6428, 46.1952



37.3800, 36.9971, 29.2174



9.5609, 9.5487, 10.0768



14.1922, 7.3080, 1.0398



0.5668, 0.2906, 0.0979

Inverse Universe

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



34.4653, 30.6961, 29.7000



58.1203, 49.6428, 46.1952



33.1946, 36.4773, 52.3053



9.5609, 9.5487, 10.0768



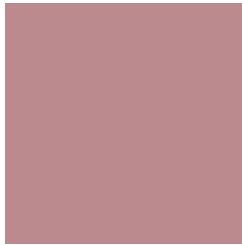
14.1922, 7.3080, 1.0398



0.5668, 0.2906, 0.0979

Previews

White Background



This preview shows how the XYZ color 34.4645, 30.6947, 29.6994 looks on a white background.

Color Contrast Check

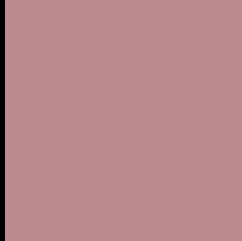
Large Text (above 18pt) WCAG AA × Fail

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 34.4645, 30.6947, 29.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

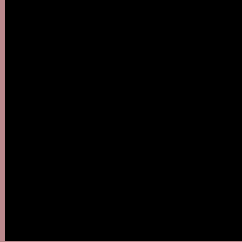
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4645, 30.6947, 29.6994

Background



This preview shows how black text looks on a background with the XYZ color 34.4645, 30.6947, 29.6994.



This preview shows how white text looks on a background with the XYZ color 34.4645, 30.6947,

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

34.4645, 30.6947, 29.6994

Protanopia

29.6576, 30.8526, 32.8258

Deuteranopia

31.4488, 30.9159, 29.5091



Tritanopia

35.0300, 30.7208, 32.1004

Trichromacy



Original Color

34.4645, 30.6947, 29.6994

Protanomaly

31.1931, 30.7401, 31.4835

Deuteranomaly

32.5347, 30.7981, 29.4292

Tritanomaly

34.8730, 30.6580, 31.2737

Monochromacy



Original Color

34.4645, 30.6947, 29.6994

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5318, 31.3491, 32.8228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4645, 30.6947, 29.6994 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(187, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 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(187, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.4645, 30.6947, 29.6994 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(187, 138, 142) }
```


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

```
.border{ border-color:rgb(187, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 138,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4645, 30.6947, 29.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 142) }
```

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

```
.background{ background-color: rgb(187,  
138, 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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