

Converting Colors

XYZ(34.3293, 28.7198, 14.8005)

Have a look what the booklet for
XYZ(34.3293, 28.7198, 14.8005)
contains.

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Color

**XYZ(34.3293, 28.7198,
14.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7F60
RGB	203, 127, 96
RGB Percent	80%, 50%, 38%
CMY	0.2039, 0.5019, 0.6235
CMYK	0.00, 0.37, 0.53, 0.20
HSL	17°, 51%, 59%
HSV	17°, 53%, 80%
XYZ	34.3293, 28.7198, 14.8005
YIQ	146.1900, 55.2470, 6.4710

Conversions

Conversions Part 2

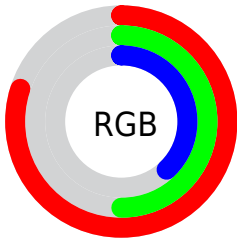
Format	Color
RYB	203, 140, 96
Decimal	13336416
CIELab	60.53, 26.19, 29.12
CIElCh	61, 39.167, 48.030
Yxy	28.7198, 0.4410, 0.3689
Android (android.graphics.Color)	4291526496 (0xFFCB7F60)
YUV	146.1900, -24.7437, 49.8224
Hunter-Lab	53.5909, 20.5598, 21.1391

Details

The XYZ color **34.3293, 28.7198, 14.8005** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.3551, 36.3019, 61.9068**, and the grayscale version is **27.4827, 28.9140, 31.4873**.

A 20% lighter version of the original color is **62.8277, 56.0091, 35.1032**, and **14.8853, 11.5492, 4.3504** is the 20% darker color. If you saturate the color by 10%, you get **31.7819, 24.9327, 9.9206**, and if you desaturate by 10%, it is **37.3859, 33.1393, 21.0411**.

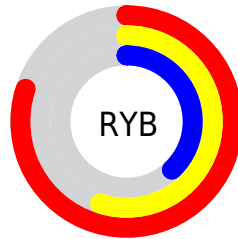
Distribution



Red (80%)

Green (50%)

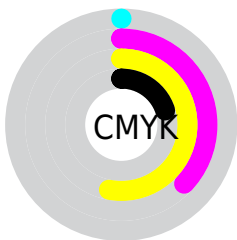
Blue (38%)



Red (80%)

Yellow (55%)

Blue (38%)

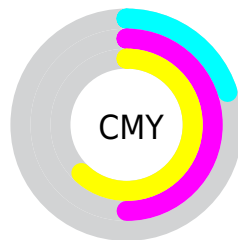


Cyan (0%)

Magenta (37%)

Yellow (53%)

Black (20%)



Cyan (20%)


Magenta (50%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3293, 28.7198, 14.8005 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 34.3293, 28.7198, 14.8005 by changing the saturation by 10% instead.


 34.3293, 28.7198,
14.8005


 34.3293, 28.7198,
14.8005


313.1580,
295.8906, 233.7545


 23.3108, 18.8690,
8.5344


 65.7863, 57.6316,
35.2402


 14.9451, 11.5756,
4.3461


 86.9555, 77.4614,
50.2508

 8.8669, 6.4554,
1.8171


 112.2390,
101.3862, 69.0134

 4.7109, 3.1239,
0.4392

 142.0021,
129.7905, 91.9465

 2.1117, 1.1968,
0.0000

176.6103,
163.0587, 119.4686

 0.6955, 0.0591,
0.0000

216.4287,

 0.0000, 0.0000,

201.5752, 151.9983

0.0000

261.8228,
245.7244, 189.9541

■ 34.3293, 28.7198,
14.8005

■ 34.3293, 28.7198,
14.8005

■ 31.7819, 24.9327,
9.9206

■ 37.3859, 33.1393,
21.0411

■ 29.7114, 21.7434,
6.2960

■ 40.9771, 38.2149,
28.7337

■ 28.0845, 19.1207,
3.8085

■ 45.1292, 43.9741,
37.9634

■ 26.8621, 17.0279,
2.3155

■ 49.8658, 50.4416,
48.8082

■ 26.1833, 15.8061,
1.6709

■ 55.2093, 57.6410,
61.3409

■ 61.1807, 65.5946,
75.6298

■ 67.8001, 74.3237,
91.7393

■ 74.5342, 83.6279,
106.8212

■ 78.4385, 91.4365,
108.1226

Harmonies

Analogous

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



37.6259, 28.7198, 23.4197



34.3293, 28.7198, 14.8005



29.3638, 28.7198, 11.1748

Triad

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



34.3293, 28.7198, 14.8005



18.8477, 28.7198, 25.8442



30.4187, 28.7198, 65.9258

Complementary

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



34.3293, 28.7198, 14.8005



30.3551, 36.3019, 61.9068

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.



25.3301, 28.7198, 67.1867



34.3293, 28.7198, 14.8005



19.0564, 28.7198, 40.7060

Square

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



34.3293, 28.7198, 14.8005



20.6877, 28.7198, 16.1012



21.2978, 28.7198, 56.8794



35.1832, 28.7198, 53.8333

Rectangle

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



34.3293, 28.7198, 14.8005



25.9614, 28.7198, 11.0083



21.2978, 28.7198, 56.8794



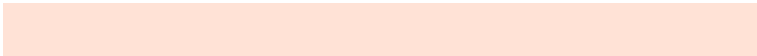
28.6783, 28.7198, 67.7416

Sweetspot

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



34.3300, 28.7212, 14.8010



80.6056, 80.5302, 75.0478



36.3237, 24.0673, 42.1058



16.8968, 16.7509, 15.2471



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.3300, 28.7212, 14.8010



52.7864, 41.0950, 15.8222



43.0242, 46.1096, 17.6991



11.4728, 11.7344, 11.7397



16.7316, 10.1962, 1.0862



0.9292, 0.6581, 0.0781

Inverse Universe

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



30.3551, 36.3019, 61.9068



45.3676, 54.9493, 102.8229



22.2223, 20.0362, 59.1958



11.2580, 12.1564, 14.3234



13.3057, 15.6354, 38.2729



0.7497, 0.9331, 1.9955

Previews

White Background



This preview shows how the XYZ color 34.3293, 28.7198, 14.8005 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3293, 28.7198, 14.8005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

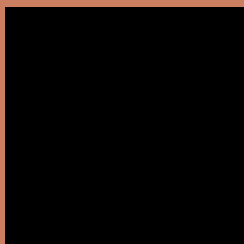
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3293, 28.7198, 14.8005

Background



This preview shows how black text looks on a background with the XYZ color 34.3293, 28.7198, 14.8005.



This preview shows how white text looks on a background with the XYZ color 34.3293, 28.7198,

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

34.3293, 28.7198, 14.8005

Protanopia

26.8781, 28.8263, 17.2441

Deuteranopia

29.2584, 28.7766, 14.3683



Tritanopia

36.5099, 28.6796, 25.0842

Trichromacy



Original Color

34.3293, 28.7198, 14.8005

Protanomaly

29.0371, 28.4035, 16.2639

Deuteranomaly

30.9341, 28.5752, 14.4748

Tritanomaly

35.6545, 28.7024, 20.8005

Monochromacy



Original Color

34.3293, 28.7198, 14.8005

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0653, 28.2392, 24.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3293, 28.7198, 14.8005 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(203, 127, 96)` looks like.

```
.text, #text, p{  
    color:rgb(203, 127, 96)  
}
```

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(203, 127, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 127, 96) }
```

Border

The CSS property to change the border of an element to XYZ 34.3293, 28.7198, 14.8005 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(203, 127, 96) }
```


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

```
.border{ border-color:rgb(203, 127, 96) }
```

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

Here you see how a box with a 4 pixel rgb(203, 127, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 127, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 127, 96);  
box-shadow:4px 4px 4px 4px rgb(203, 127,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3293, 28.7198, 14.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 127, 96) }
```

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

```
.background{ background-color: rgb(203,  
127, 96) }
```

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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