

Converting Colors

XYZ(34.0111, 27.7794, 12.0578)

Have a look what the booklet for
XYZ(34.0111, 27.7794, 12.0578)
contains.

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Color

**XYZ(34.1368, 27.9278,
11.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7B54
RGB	206, 123, 84
RGB Percent	81%, 48%, 33%
CMY	0.1922, 0.5176, 0.6706
CMYK	0.00, 0.40, 0.59, 0.19
HSL	19°, 55%, 57%
HSV	19°, 59%, 81%
XYZ	34.1368, 27.9278, 11.9789
YIQ	143.3710, 61.9870, 5.4670

Conversions

Conversions Part 2

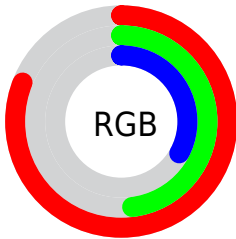
Format	Color
R _Y B	206, 141, 84
Decimal	13531988
CIE Lab	59.82, 28.59, 34.90
CIE LCh	60, 45.111, 50.677
Yxy	27.9278, 0.4610, 0.3772
Android (android.graphics.Color)	4291722068 (0xFFCE7B54)
YUV	143.3710, -29.2699, 54.9256
Hunter-Lab	52.8468, 22.8217, 23.5533

Details

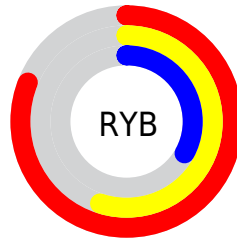
The XYZ color **34.1368, 27.9278, 11.9789** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **28.6146, 33.9768, 63.4423**, and the grayscale version is **26.3535, 27.7260, 30.1936**.

A 20% lighter version of the original color is **61.0684, 54.0319, 29.7648**, and **14.7491, 11.1017, 3.1157** is the 20% darker color. If you saturate the color by 10%, you get **31.8297, 24.4207, 7.7977**, and if you desaturate by 10%, it is **36.9313, 32.0304, 17.4934**.

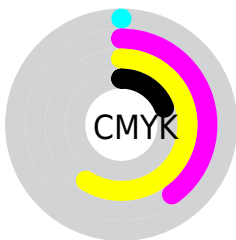
Distribution



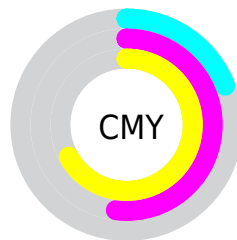
- Red (81%)
- Green (48%)
- Blue (33%)



- Red (81%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (59%)
- Black (19%)





- Cyan (19%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1368, 27.9278, 11.9789 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 34.1368, 27.9278, 11.9789 by changing the saturation by 10% instead.


 34.1368, 27.9278,
11.9789

 34.1368, 27.9278,
11.9789


312.3168,
292.1218, 215.2385


 23.1621, 18.2712,
6.6069


 65.4892, 56.3692,
30.1205


 14.8346, 11.1449,
3.1428


 86.5977, 75.9227,
43.7272


 8.7889, 6.1644,
1.1680


 111.8147, 99.5441,
60.9159

 4.6598, 2.9453,
0.0000

 141.5058,
127.6177, 82.1052

 2.0817, 1.1032,
0.0000

 176.0361,
160.5278, 107.7136

 0.6793, 0.0000,
0.0000

215.7712,

 0.0000, 0.0000,

198.6590, 138.1595

0.0000

261.0763,
242.3955, 173.8617

■ 34.1368, 27.9278,
11.9789

■ 34.1368, 27.9278,
11.9789

■ 31.8297, 24.4207,
7.7977

■ 36.9313, 32.0304,
17.4934

■ 29.9761, 21.4752,
4.8317

■ 40.2401, 36.7516,
24.4424

■ 28.5400, 19.0600,
2.9440

■ 44.0900, 42.1183,
32.9190

■ 27.4665, 17.1337,
1.9055

■ 48.5057, 48.1545,
43.0079

■ 27.3936, 17.0019,
1.8379

■ 53.5099, 54.8829,
54.7875

■ 59.1241, 62.3251,
68.3313

■ 65.3687, 70.5017,
83.7081

■ 72.2632, 79.4325,
100.9832

■ 77.4196, 88.1740,
107.5466

Harmonies

Analogous

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



38.2132, 27.9278, 20.5927



34.1368, 27.9278, 11.9789



28.3653, 27.9278, 8.7221

Triad

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



34.1368, 27.9278, 11.9789



17.1084, 27.9278, 25.5888



30.6179, 27.9278, 70.3913

Complementary

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



34.1368, 27.9278, 11.9789



28.6146, 33.9768, 63.4423

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.



24.8034, 27.9278, 73.2498



34.1368, 27.9278, 11.9789



17.5318, 27.9278, 42.9332

Square

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



34.1368, 27.9278, 11.9789



18.9172, 27.9278, 14.5046



20.1707, 27.9278, 61.8392



35.9877, 27.9278, 55.0365

Rectangle

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



34.1368, 27.9278, 11.9789



24.5597, 27.9278, 8.7784



20.1707, 27.9278, 61.8392



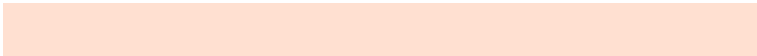
28.6335, 27.9278, 73.0179

Sweetspot

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



34.1375, 27.9292, 11.9794



79.3562, 79.0588, 71.4639



35.6330, 22.2662, 39.1570



16.5075, 16.2735, 14.1885



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.



34.1375, 27.9292, 11.9794



50.7031, 38.2113, 11.1729



44.1182, 47.8907, 15.3063



11.5002, 11.7894, 11.7489



16.9463, 10.6255, 1.1578



0.9428, 0.6854, 0.0826

Inverse Universe

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



28.6146, 33.9768, 63.4423



40.8628, 48.6590, 101.8462



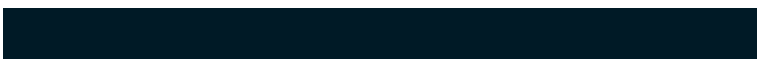
19.9888, 16.7251, 60.5670



11.2291, 12.0986, 14.3138



12.7381, 14.5002, 38.0837



0.7238, 0.8813, 1.9869

Previews

White Background



This preview shows how the XYZ color 34.1368, 27.9278, 11.9789 looks on a white background.

Color Contrast Check

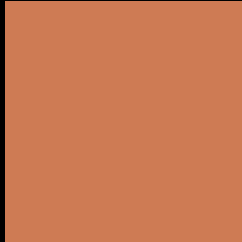
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1368, 27.9278, 11.9789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

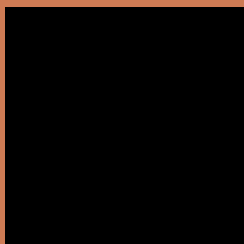
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1368, 27.9278, 11.9789

Background



This preview shows how black text looks on a background with the XYZ color 34.1368, 27.9278, 11.9789.



This preview shows how white text looks on a background with the XYZ color 34.1368, 27.9278,

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

34.1368, 27.9278, 11.9789

Protanopia

25.9618, 28.1916, 14.1984

Deuteranopia

28.4782, 28.0011, 11.6884



Tritanopia

36.5388, 28.0185, 23.2210

Trichromacy



Original Color

34.1368, 27.9278, 11.9789

Protanomaly

28.4280, 27.7265, 13.3046

Deuteranomaly

30.4040, 27.9490, 11.7749

Tritanomaly

35.5981, 27.9905, 18.5654

Monochromacy



Original Color

34.1368, 27.9278, 11.9789

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.0429, 27.1205, 22.1691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1368, 27.9278, 11.9789 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(206, 123, 84)` looks like.

```
.text, #text, p{  
    color:rgb(206, 123, 84)  
}
```

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(206, 123, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 123, 84) }
```

Border

The CSS property to change the border of an element to XYZ 34.1368, 27.9278, 11.9789 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(206, 123, 84) }
```


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

```
.border{ border-color:rgb(206, 123, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 123, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 123, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 123, 84);  
box-shadow:4px 4px 4px 4px rgb(206, 123,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1368, 27.9278, 11.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 123, 84) }
```

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

```
.background{ background-color: rgb(206,  
123, 84) }
```

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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