

Converting Colors

XYZ(33.7197, 29.8796, 11.1978)

Have a look what the booklet for
XYZ(33.7197, 29.8796, 11.1978)
contains.

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Color

**XYZ(33.7197, 29.8796,
11.1978)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C8864E |
| RGB | 200, 134, 78 |
| RGB Percent | 78%, 53%, 31% |
| CMY | 0.2157, 0.4745, 0.6941 |
| CMYK | 0.00, 0.33, 0.61, 0.22 |
| HSL | 28°, 53%, 55% |
| HSV | 28°, 61%, 78% |
| XYZ | 33.7197, 29.8796, 11.1978 |
| YIQ | 147.3500, 57.3120, -3.4240 |

Conversions

Conversions Part 2

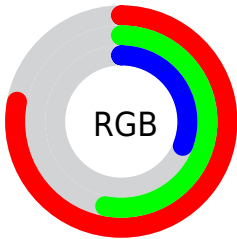
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 200, 182, 78 |
| Decimal | 13141582 |
| CIELab | 61.55, 19.69, 40.00 |
| CIELCh | 62, 44.587, 63.794 |
| Yxy | 29.8796, 0.4508, 0.3995 |
| Android (android.graphics.Color) | 4291331662 (0xFFC8864E) |
| YUV | 147.3500, -34.1895, 46.1741 |
| Hunter-Lab | 54.6622, 14.4531, 26.1177 |

Details

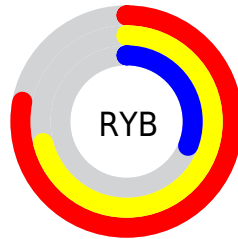
The XYZ color **33.7197, 29.8796, 11.1978** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.5399, 25.7351, 58.3702**, and the grayscale version is **27.9994, 29.4576, 32.0793**.

A 20% lighter version of the original color is **62.9728, 58.3856, 28.7194**, and **14.5600, 12.1852, 2.8129** is the 20% darker color. If you saturate the color by 10%, you get **31.6892, 26.7971, 7.5053**, and if you desaturate by 10%, it is **36.1226, 33.3583, 16.0906**.

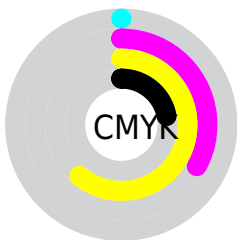
Distribution



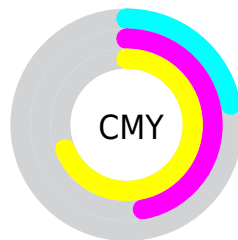
- Red (78%)
- Green (53%)
- Blue (31%)



- Red (78%)
- Yellow (71%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (61%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7197, 29.8796, 11.1978 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 33.7197, 29.8796, 11.1978 by changing the saturation by 10% instead.


 33.7197, 29.8796,
11.1978


 33.7197, 29.8796,
11.1978


310.4883,
301.3428, 209.8055


 22.8402, 19.7472,
6.0842


 64.8447, 59.4717,
28.6676

 14.5956, 12.2114,
2.8267


 85.8210, 79.7003,
41.8608


 8.6205, 6.8878,
1.0069

 110.8936,
104.0630, 58.5844

 4.5496, 3.3921,
0.0000

 140.4278,
132.9442, 79.2568

 2.0175, 1.3397,
0.0000

 174.7890,
166.7284, 104.2965

 0.6438, 0.1716,
0.0000

214.3426,

 0.0000, 0.0000,

205.8000, 134.1222

0.0000

259.4539,
250.5434, 169.1524

■ 33.7197, 29.8796,
11.1978

■ 33.7197, 29.8796,
11.1978

■ 31.6892, 26.7971,
7.5053

■ 36.1226, 33.3583,
16.0906

■ 30.0041, 24.0889,
4.9021

■ 38.9181, 37.2447,
22.2777

■ 28.6357, 21.7373,
3.2588

■ 42.1273, 41.5551,
29.8459

■ 27.6302, 19.9009,
2.3850

■ 45.7687, 46.3034,
38.8735

■ 49.8599, 51.5029,
49.4333

■ 54.4173, 57.1661,
61.5929

■ 59.4563, 63.3051,
75.4160

■ 64.9917, 69.9315,
90.9626

■ 70.5505, 76.8615,
105.7251

Harmonies

Analogous

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



38.9297, 29.8796, 17.5811



33.7197, 29.8796, 11.1978



27.6544, 29.8796, 9.6655

Triad

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



33.7197, 29.8796, 11.1978



18.5024, 29.8796, 34.7351



35.2012, 29.8796, 67.7701

Complementary

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



33.7197, 29.8796, 11.1978



23.5399, 25.7351, 58.3702

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.



29.1582, 29.8796, 77.0140



33.7197, 29.8796, 11.1978



19.9635, 29.8796, 54.2018

Square

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



33.7197, 29.8796, 11.1978



19.3749, 29.8796, 20.1736



23.6709, 29.8796, 71.3435



39.8649, 29.8796, 49.1272

Rectangle

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



33.7197, 29.8796, 11.1978



24.0570, 29.8796, 10.9158



23.6709, 29.8796, 71.3435



33.2358, 29.8796, 72.3255

Sweetspot

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



33.7204, 29.8811, 11.1984



81.1053, 82.5571, 72.0469



31.6624, 19.7758, 28.9770



16.9310, 17.1205, 14.3297



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.



33.7204, 29.8811, 11.1984



53.9152, 44.8992, 11.4306



44.4641, 51.3684, 14.7796



11.0283, 11.4258, 11.1869



17.6557, 12.8287, 1.5456



0.9082, 0.7519, 0.0973

Inverse Universe

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



23.5399, 25.7351, 58.3702



34.7835, 37.0596, 99.9277



16.7455, 12.1463, 56.1053



10.5240, 11.2221, 13.5289



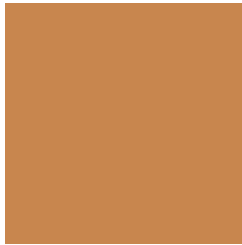
10.1417, 9.6774, 36.0778



0.5521, 0.6019, 1.7322

Previews

White Background



This preview shows how the XYZ color 33.7197, 29.8796, 11.1978 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 33.7197, 29.8796, 11.1978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

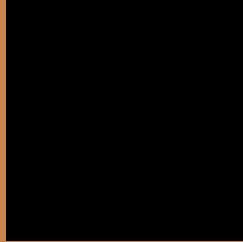
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.7197, 29.8796, 11.1978

Background



This preview shows how black text looks on a background with the XYZ color 33.7197, 29.8796, 11.1978.



This preview shows how white text looks on a background with the XYZ color 33.7197, 29.8796,

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

33.7197, 29.8796, 11.1978

Protanopia

27.6186, 30.0119, 12.5208

Deuteranopia

30.5059, 29.9351, 11.0077



Tritanopia

37.0066, 29.8223, 27.4727

Trichromacy



Original Color

33.7197, 29.8796, 11.1978

Protanomaly

29.5899, 29.8877, 11.9939

Deuteranomaly

31.5584, 29.8199, 11.1137

Tritanomaly

35.7636, 29.9227, 20.4137

Monochromacy



Original Color

33.7197, 29.8796, 11.1978

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.9117, 28.8581, 22.4587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7197, 29.8796, 11.1978 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(200, 134, 78)` looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 78)  
}
```

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(200, 134, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 78) }
```

Border

The CSS property to change the border of an element to XYZ 33.7197, 29.8796, 11.1978 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(200, 134, 78) }
```


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

```
.border{ border-color:rgb(200, 134, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 134, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 78);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7197, 29.8796, 11.1978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 134, 78) }
```

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

```
.background{ background-color: rgb(200,  
134, 78) }
```

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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