

Converting Colors

XYZ(33.5119, 28.7789, 10.6261)

Have a look what the booklet for
XYZ(33.5119, 28.7789, 10.6261)
contains.

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Color

**XYZ(33.5119, 28.7789,
10.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	CA814C
RGB	202, 129, 76
RGB Percent	79%, 51%, 30%
CMY	0.2078, 0.4941, 0.7020
CMYK	0.00, 0.36, 0.62, 0.21
HSL	25°, 54%, 55%
HSV	25°, 62%, 79%
XYZ	33.5119, 28.7789, 10.6261
YIQ	144.7850, 60.5210, -1.0070

Conversions

Conversions Part 2

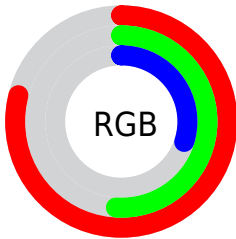
Format	Color
R_{YB}	202, 167, 76
Decimal	13271372
CIE Lab	60.59, 23.12, 39.96
CIE LCh	61, 46.169, 59.953
Yxy	28.7789, 0.4596, 0.3947
Android (android.graphics.Color)	4291461452 (0xFFCA814C)
YUV	144.7850, -33.9110, 50.1776
Hunter-Lab	53.6460, 17.6261, 25.8081

Details

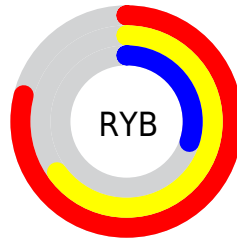
The XYZ color **33.5119, 28.7789, 10.6261** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.3879, 27.2942, 59.8597**, and the grayscale version is **26.9431, 28.3463, 30.8691**.

A 20% lighter version of the original color is **61.7338, 56.2223, 27.3369**, and **14.5072, 11.6051, 2.5740** is the 20% darker color. If you saturate the color by 10%, you get **31.4627, 25.6335, 7.0055**, and if you desaturate by 10%, it is **35.9595, 32.3685, 15.4675**.

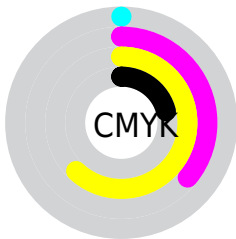
Distribution



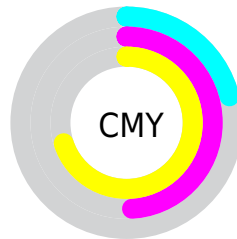
- Red (79%)
- Green (51%)
- Blue (30%)



- Red (79%)
- Yellow (65%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5119, 28.7789, 10.6261 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 33.5119, 28.7789, 10.6261 by changing the saturation by 10% instead.

33.5119, 28.7789,
10.6261

33.5119, 28.7789,
10.6261

309.5745,
296.1703, 205.7286

22.6800, 18.9136,
5.7050

64.5233, 57.7256,
27.5927

14.4768, 11.6079,
2.6007

85.4334, 77.5758,
40.4752

8.5369, 6.4773,
0.8928

110.4337,
101.5232, 56.8487

4.4951, 3.1374,
0.0000

139.8895,
129.9520, 77.1316

1.9858, 1.2039,
0.0000

174.1661,
163.2468, 101.7425

0.6260, 0.0649,
0.0000

213.6289,

0.0000, 0.0000,

201.7918, 131.1000

0.0000

258.6432,
245.9715, 165.6225

■ 33.5119, 28.7789,
10.6261

■ 33.5119, 28.7789,
10.6261

■ 31.4627, 25.6335,
7.0055

■ 35.9595, 32.3685,
15.4675

■ 29.7824, 22.9075,
4.4892

■ 38.8278, 36.4168,
21.6284

■ 28.4398, 20.5796,
2.9404

■ 42.1395, 40.9425,
29.1990

■ 27.6036, 19.0497,
2.2221

■ 45.9150, 45.9623,
38.2611

■ 50.1733, 51.4915,
48.8902

■ 54.9322, 57.5450,
61.1564

■ 60.2086, 64.1370,
75.1260

■ 66.0185, 71.2810,
90.8612

■ 71.9229, 78.8084,
106.0285

Harmonies

Analogous

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



38.5511, 28.7789, 17.6226



33.5119, 28.7789, 10.6261



27.3630, 28.7789, 8.6196

Triad

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



33.5119, 28.7789, 10.6261



17.4070, 28.7789, 31.3082



33.4931, 28.7789, 69.3127

Complementary

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



33.5119, 28.7789, 10.6261



24.3879, 27.2942, 59.8597

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.



27.3440, 28.7789, 77.0358



33.5119, 28.7789, 10.6261



18.5659, 28.7789, 50.7778

Square

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



33.5119, 28.7789, 10.6261



18.5732, 28.7789, 17.5907



21.9999, 28.7789, 69.2667



38.5392, 28.7789, 50.8426

Rectangle

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



33.5119, 28.7789, 10.6261



23.6210, 28.7789, 9.4813



21.9999, 28.7789, 69.2667



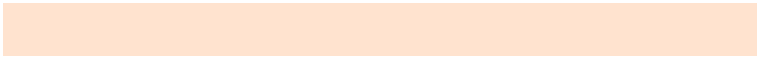
31.4598, 28.7789, 73.4976

Sweetspot

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



33.5126, 28.7804, 10.6266



79.8979, 80.6438, 70.0982



32.4064, 19.9115, 30.7790



16.6712, 16.6982, 13.9430



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.



33.5126, 28.7804, 10.6266



52.1625, 41.6357, 10.1005



44.4015, 50.5582, 14.2563



11.5937, 11.9763, 11.7800



17.8466, 12.4262, 1.4579



0.9952, 0.7901, 0.1001

Inverse Universe

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



24.3879, 27.2942, 59.8597



35.3899, 38.7851, 100.2288



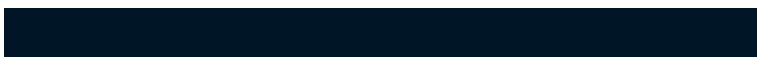
17.0092, 12.5368, 57.4002



11.1325, 11.9054, 14.2816



11.0450, 11.1140, 37.5193



0.6439, 0.7215, 1.9603

Previews

White Background



This preview shows how the XYZ color 33.5119, 28.7789, 10.6261 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 33.5119, 28.7789, 10.6261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

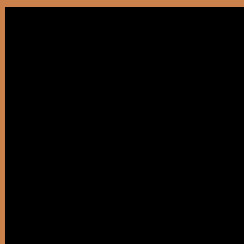
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5119, 28.7789, 10.6261

Background



This preview shows how black text looks on a background with the XYZ color 33.5119, 28.7789, 10.6261.



This preview shows how white text looks on a background with the XYZ color 33.5119, 28.7789,

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

33.5119, 28.7789, 10.6261

Protanopia

26.6547, 29.0537, 12.1857

Deuteranopia

29.4365, 28.9539, 10.5158



Tritanopia

36.5099, 28.6796, 25.0842

Trichromacy



Original Color

33.5119, 28.7789, 10.6261

Protanomaly

28.7305, 28.5655, 11.5888

Deuteranomaly

30.8132, 28.8077, 10.5930

Tritanomaly

35.3797, 28.7941, 18.7320

Monochromacy



Original Color

33.5119, 28.7789, 10.6261

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.3487, 27.9283, 21.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5119, 28.7789, 10.6261 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(202, 129, 76)` looks like.

```
.text, #text, p{  
    color:rgb(202, 129, 76)  
}
```

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(202, 129, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 129, 76) }
```

Border

The CSS property to change the border of an element to XYZ 33.5119, 28.7789, 10.6261 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(202, 129, 76) }
```


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

```
.border{ border-color:rgb(202, 129, 76) }
```

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

Here you see how a box with a 4 pixel rgb(202, 129, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 129, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 129, 76);  
box-shadow:4px 4px 4px 4px rgb(202, 129,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5119, 28.7789, 10.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 129, 76) }
```

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

```
.background{ background-color: rgb(202,  
129, 76) }
```

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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