

Converting Colors

XYZ(30.5056, 27.8839, 4.4098)

Have a look what the booklet for
XYZ(30.5056, 27.8839, 4.4098)
contains.

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Color

**XYZ(30.6169, 28.0189,
4.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	C28413
RGB	194, 132, 19
RGB Percent	76%, 52%, 7%
CMY	0.2392, 0.4823, 0.9255
CMYK	0.00, 0.32, 0.90, 0.24
HSL	39°, 82%, 42%
HSV	39°, 90%, 76%
XYZ	30.6169, 28.0189, 4.4106
YIQ	137.6560, 73.2250, -21.9990

Conversions

Conversions Part 2

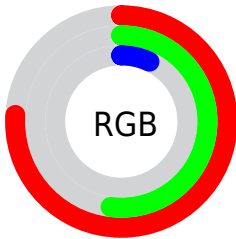
Format	Color
R_{YB}	115, 194, 19
Decimal	12747795
CIE _{Lab}	59.91, 15.57, 62.18
CIE _{LCh}	60, 64.104, 75.943
Yxy	28.0189, 0.4856, 0.4444
Android (android.graphics.Color)	4290937875 (0xFFC28413)
YUV	137.6560, -58.4974, 49.4137
Hunter-Lab	52.9329, 10.6136, 32.1127

Details

The XYZ color **30.6169, 28.0189, 4.4106** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **12.9486, 9.9183, 52.2703**, and the grayscale version is **24.2235, 25.4850, 27.7532**.

A 20% lighter version of the original color is **59.9641, 56.5080, 14.9544**, and **13.0849, 11.3374, 1.4987** is the 20% darker color. If you saturate the color by 10%, you get **29.6160, 26.2055, 3.4972**, and if you desaturate by 10%, it is **31.8193, 30.0418, 5.9899**.

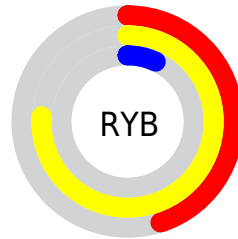
Distribution



Red (76%)

Green (52%)

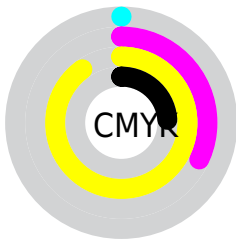
Blue (7%)



Red (45%)

Yellow (76%)

Blue (7%)

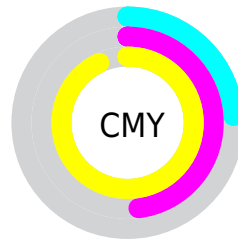


Cyan (0%)

Magenta (32%)

Yellow (90%)

Black (24%)



Cyan (24%)


Magenta (48%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6169, 28.0189, 4.4106 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 30.6169, 28.0189, 4.4106 by changing the saturation by 10% instead.


 30.6169, 28.0189,
4.4106


 30.6169, 28.0189,
4.4106


296.6280,
292.5572, 152.6854


 20.4577, 18.3399,
1.8532


 60.0164, 56.5146,
14.9462

 12.8384, 11.1943,
0.4627


 79.9873, 76.1001,
23.7614

 7.3936, 6.1977,
0.0000


 103.9596, 99.7566,
35.4997

 3.7579, 2.9657,
0.0000

 132.2986,
127.8684, 50.5795

 1.5661, 1.1138,
0.0000

 165.3695,
160.8200, 69.4195

 0.3702, 0.0000,
0.0000

 203.5378,

 0.0000, 0.0000,

198.9957, 92.4381

0.0000

247.1689,
242.7800, 120.0538

30.6169, 28.0189,
4.4106

30.6169, 28.0189,
4.4106

29.6160, 26.2055,
3.4972

31.8193, 30.0418,
5.9899

33.2472, 32.2538,
8.4505

34.9245, 34.6674,
11.9101

36.8709, 37.2923,
16.4680

39.1040, 40.1371,
22.2110

■ 41.6396, 43.2098,
29.2174

■ 44.4923, 46.5179,
37.5587

■ 47.6755, 50.0683,
47.3009

■ 51.2018, 53.8677,
58.5058

Harmonies

Analogous

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



39.0665, 28.0189, 8.3006



30.6169, 28.0189, 4.4106



22.5586, 28.0189, 4.5167

Triad

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



30.6169, 28.0189, 4.4106



14.2372, 28.0189, 44.5532



39.5389, 28.0189, 73.5053

Complementary

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



30.6169, 28.0189, 4.4106



12.9486, 9.9183, 52.2703

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.



31.1665, 28.0189, 97.1035



30.6169, 28.0189, 4.4106



17.1618, 28.0189, 75.3970

Square

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



30.6169, 28.0189, 4.4106



14.1496, 28.0189, 20.8633



23.0072, 28.0189, 97.9324



44.8848, 28.0189, 42.7432

Rectangle

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



30.6169, 28.0189, 4.4106



18.4590, 28.0189, 6.7036



23.0072, 28.0189, 97.9324



36.9167, 28.0189, 83.0982

Sweetspot

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



30.6175, 28.0203, 4.4111



76.8169, 79.9060, 56.8808



24.0488, 12.5623, 9.3754



16.4454, 17.0543, 11.3777



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.



30.6175, 28.0203, 4.4111



53.4082, 46.9798, 6.2531



36.1312, 47.2507, 7.8324



10.6035, 11.1384, 10.6529



19.5515, 17.3887, 2.3259



0.9077, 0.8772, 0.1215

Inverse Universe

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



12.9486, 9.9183, 52.2703



21.2507, 14.2740, 94.1049



10.9392, 4.8604, 51.4000



9.8137, 10.3188, 12.7593



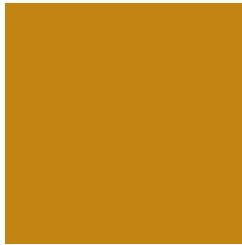
7.8610, 5.4785, 34.1997



0.4050, 0.3674, 1.4995

Previews

White Background



This preview shows how the XYZ color 30.6169, 28.0189, 4.4106 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 30.6169, 28.0189, 4.4106 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 30.6169, 28.0189, 4.4106

Background



This preview shows how black text looks on a background with the XYZ color 30.6169, 28.0189, 4.4106.



This preview shows how white text looks on a background with the XYZ color 30.6169, 28.0189,

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

30.6169, 28.0189, 4.4106

Protanopia

25.3843, 28.0992, 4.8964

Deuteranopia

28.5467, 27.9877, 4.2784



Tritanopia

35.0672, 28.1112, 25.4076

Trichromacy



Original Color

30.6169, 28.0189, 4.4106

Protanomaly

26.9785, 27.8128, 4.7055

Deuteranomaly

29.2437, 27.9272, 4.3011

Tritanomaly

32.6379, 27.6828, 13.5206

Monochromacy



Original Color

30.6169, 28.0189, 4.4106

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9703, 25.7036, 14.4717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6169, 28.0189, 4.4106 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(194, 132, 19)` looks like.

```
.text, #text, p{  
    color:rgb(194, 132, 19)  
}
```

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(194, 132, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 132, 19) }
```

Border

The CSS property to change the border of an element to XYZ 30.6169, 28.0189, 4.4106 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(194, 132, 19) }
```


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

```
.border{ border-color:rgb(194, 132, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 132, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 132, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 132, 19);  
box-shadow:4px 4px 4px 4px rgb(194, 132,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6169, 28.0189, 4.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 132, 19) }
```

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

```
.background{ background-color: rgb(194,  
132, 19) }
```

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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