

Converting Colors

XYZ(30.5588, 28.8179, 20.4761)

Have a look what the booklet for
XYZ(30.5588, 28.8179, 20.4761)
contains.

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Color

**XYZ(30.6010, 28.9029,
20.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	B28A74
RGB	178, 138, 116
RGB Percent	70%, 54%, 45%
CMY	0.3020, 0.4588, 0.5451
CMYK	0.00, 0.22, 0.35, 0.30
HSL	21°, 29%, 58%
HSV	21°, 35%, 70%
XYZ	30.6010, 28.9029, 20.4890
YIQ	147.4520, 30.9020, 1.6380

Conversions

Conversions Part 2

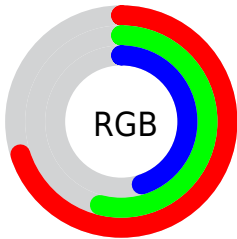
Format	Color
R_{YB}	178, 150, 116
Decimal	11700852
CIE _{Lab}	60.70, 12.11, 17.63
CIE _{LCh}	61, 21.382, 55.519
Yxy	28.9029, 0.3825, 0.3613
Android (android.graphics.Color)	4289890932 (0xFFB28A74)
YUV	147.4520, -15.5058, 26.7906
Hunter-Lab	53.7614, 7.5197, 15.0370

Details

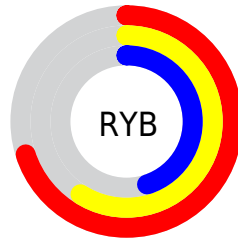
The XYZ color **30.6010, 28.9029, 20.4890** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.1265, 30.7034, 46.6162**, and the grayscale version is **27.9744, 29.4312, 32.0506**.

A 20% lighter version of the original color is **59.9596, 57.7509, 45.0326**, and **12.8453, 11.6819, 7.0467** is the 20% darker color. If you saturate the color by 10%, you get **28.1020, 25.4061, 15.0279**, and if you desaturate by 10%, it is **33.4741, 32.8301, 27.0542**.

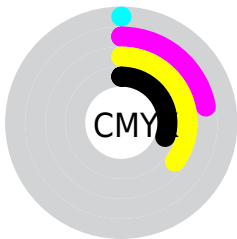
Distribution



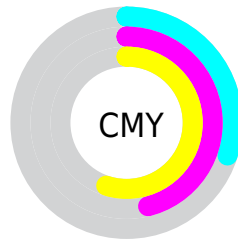
- Red (70%)
- Green (54%)
- Blue (45%)



- Red (70%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (30%)





- Cyan (30%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6010, 28.9029, 20.4890 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 30.6010, 28.9029, 20.4890 by changing the saturation by 10% instead.


 30.6010, 28.9029,
20.4890

 30.6010, 28.9029,
20.4890


296.5557,
296.7565, 267.2415


 20.4455, 19.0074,
12.5634


 59.9915, 57.9228,
45.1052

 12.8295, 11.6756,
7.0014


 79.9572, 77.8159,
62.6329

 7.3874, 6.5232,
3.3845

 103.9237,
101.8104, 84.1984

 3.7540, 3.1657,
1.2942

132.2564,
130.2906, 110.2202

 1.5639, 1.2189,
0.0570

165.3205,
163.6409, 141.1169

 0.3687, 0.0770,
0.0000

203.4816,

 0.0000, 0.0000,

202.2458, 177.3069

0.0000

247.1049,
246.4895, 219.2090

■ 30.6010, 28.9029,
20.4890

■ 30.6010, 28.9029,
20.4890

■ 28.1020, 25.4061,
15.0279

■ 33.4741, 32.8301,
27.0542

■ 25.9582, 22.3205,
10.6075

■ 36.7347, 37.1983,
34.7787

■ 24.1520, 19.6309,
7.1606


■ 40.3982, 42.0225,
43.7159

■ 22.6635, 17.3199,
4.6112


■ 44.4786, 47.3159,
53.9154


■ 21.4701, 15.3683,
2.8718


■ 48.9888, 53.0910,
65.4241


 20.5453, 13.7547,
1.8363

 53.9417, 59.3600,
78.2863

 20.1472, 13.0391,
1.4549

 59.3491, 66.1345,
92.5445

 64.6700, 73.2048,
105.3292

 67.9692, 79.8031,
106.4289

Harmonies

Analogous

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



32.5681, 28.9029, 25.3410



30.6010, 28.9029, 20.4890



27.8899, 28.9029, 18.5724

Triad

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



30.6010, 28.9029, 20.4890



22.4924, 28.9029, 30.2926



29.8324, 28.9029, 47.3555

Complementary

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



30.6010, 28.9029, 20.4890



27.1265, 30.7034, 46.6162

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.



27.0570, 28.9029, 49.2753



30.6010, 28.9029, 20.4890



22.9362, 28.9029, 38.5160

Square

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



30.6010, 28.9029, 20.4890



23.3074, 28.9029, 23.5946



24.5627, 28.9029, 45.8064



32.1038, 28.9029, 40.9285

Rectangle

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



30.6010, 28.9029, 20.4890



26.0697, 28.9029, 18.9335



24.5627, 28.9029, 45.8064



28.9224, 28.9029, 48.5909

Sweetspot

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



30.6017, 28.9043, 20.4896



69.6180, 71.4271, 70.3386



30.6319, 24.3666, 34.6749



15.2217, 15.5580, 15.0917



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.6017, 28.9043, 20.4896



51.8603, 47.3440, 29.1752



35.6449, 38.9906, 22.1706



8.7349, 8.9824, 8.9259



14.4700, 9.4386, 1.0592



0.5116, 0.4095, 0.0521

Inverse Universe

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



27.1265, 30.7034, 46.6162



44.5694, 51.0882, 83.8931



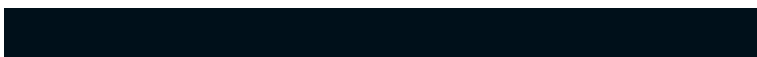
22.6103, 21.6710, 45.1108



8.4839, 9.1139, 10.8183



10.1833, 11.1670, 31.7557



0.3729, 0.4564, 1.0167

Previews

White Background



This preview shows how the XYZ color 30.6010, 28.9029, 20.4890 looks on a white background.

Color Contrast Check

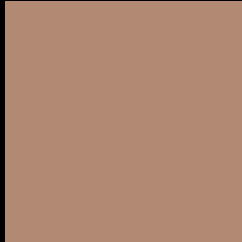
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6010, 28.9029, 20.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

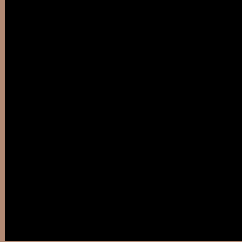
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6010, 28.9029, 20.4890

Background



This preview shows how black text looks on a background with the XYZ color 30.6010, 28.9029, 20.4890.



This preview shows how white text looks on a background with the XYZ color 30.6010, 28.9029,

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

30.6010, 28.9029, 20.4890

Protanopia

27.1866, 28.8824, 21.9113

Deuteranopia

29.4140, 28.9455, 20.2564



Tritanopia

32.6152, 28.8876, 30.2424

Trichromacy



Original Color

30.6010, 28.9029, 20.4890

Protanomaly

28.2565, 28.7634, 21.5154

Deuteranomaly

29.9282, 28.9926, 20.2384

Tritanomaly

31.7894, 28.7525, 26.4286

Monochromacy



Original Color

30.6010, 28.9029, 20.4890

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5177, 28.9932, 27.3858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6010, 28.9029, 20.4890 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(178, 138, 116)` looks like.

```
.text, #text, p{  
    color:rgb(178, 138, 116)  
}
```

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(178, 138, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 138, 116) }
```

Border

The CSS property to change the border of an element to XYZ 30.6010, 28.9029, 20.4890 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(178, 138, 116) }
```


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

```
.border{ border-color:rgb(178, 138, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 138, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 138, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 138, 116); box-shadow:4px 4px 4px 4px rgb(178, 138, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6010, 28.9029, 20.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 138, 116) }
```

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

```
.background{ background-color: rgb(178,  
138, 116) }
```

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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