

Converting Colors

XYZ(30.5755, 30.0586, 16.7608)

Have a look what the booklet for
XYZ(30.5755, 30.0586, 16.7608)
contains.

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Color

**XYZ(30.5808, 30.0692,
16.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	B28F66
RGB	178, 143, 102
RGB Percent	70%, 56%, 40%
CMY	0.3020, 0.4392, 0.6000
CMYK	0.00, 0.20, 0.43, 0.30
HSL	32°, 33%, 55%
HSV	32°, 43%, 70%
XYZ	30.5808, 30.0692, 16.7625
YIQ	148.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

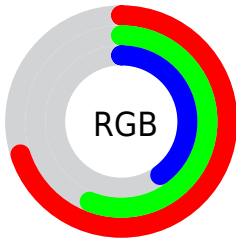
Format	Color
RYB	167, 178, 102
Decimal	11702118
CIELab	61.71, 7.64, 26.80
CIELCh	62, 27.867, 74.085
Yxy	30.0692, 0.3950, 0.3884
Android (android.graphics.Color)	4289892198 (0xFFB28F66)
YUV	148.7910, -23.0680, 25.6163
Hunter-Lab	54.8354, 3.5846, 20.2606

Details

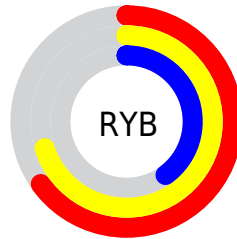
The XYZ color **30.5808, 30.0692, 16.7625** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.4606, 23.9295, 45.5544**, and the grayscale version is **28.5637, 30.0512, 32.7258**.

A 20% lighter version of the original color is **59.9770, 59.8946, 38.5367**, and **12.8924, 12.3801, 5.2001** is the 20% darker color. If you saturate the color by 10%, you get **28.6054, 27.3827, 12.2066**, and if you desaturate by 10%, it is **32.8372, 33.0142, 22.3478**.

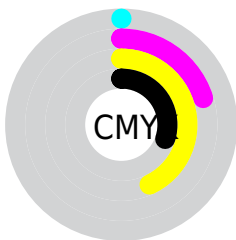
Distribution



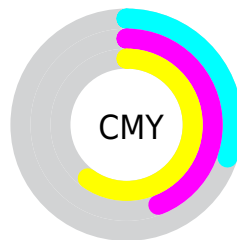
- Red (70%)
- Green (56%)
- Blue (40%)



- Red (65%)
- Yellow (70%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (30%)



- Cyan (30%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5808, 30.0692, 16.7625 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 30.5808, 30.0692, 16.7625 by changing the saturation by 10% instead.

■ 30.5808, 30.0692,
16.7625

■ 30.5808, 30.0692,
16.7625

296.4639,
302.2269, 245.7974

■ 20.4301, 19.8911,
9.9051

■ 59.9598, 59.7716,
38.7020

■ 12.8182, 12.3159,
5.2313

■ 79.9189, 80.0647,
54.6213

■ 7.3796, 6.9592,
2.3225

■ 103.8781,
104.4983, 74.3982

■ 3.7490, 3.4366,
0.7438

■ 132.2028,
133.4567, 98.4514

■ 1.5612, 1.3637,
0.0000

165.2584,
167.3244, 127.1994

■ 0.3669, 0.1897,
0.0000

203.4102,

■ 0.0000, 0.0000,

206.4857, 161.0607

0.0000

247.0235,
251.3251, 200.4539

■ 30.5808, 30.0692,
16.7625

■ 30.5808, 30.0692,
16.7625

■ 28.6054, 27.3827,
12.2066

■ 32.8372, 33.0142,
22.3478

■ 26.8946, 24.9418,
8.6133

■ 35.3853, 36.2216,
29.0201

■ 25.4335, 22.7383,
5.9103

■ 38.2380, 39.7005,
36.8349

■ 24.2044, 20.7621,
4.0144

■ 41.4066, 43.4583,
45.8433

■ 23.1863, 19.0013,
2.8264

■ 44.9018, 47.5020,
56.0931

■ 22.5462, 17.8373,
2.2546

■ 48.7339, 51.8382,
67.6298

■ 52.9124, 56.4735,
80.4964

■ 57.4466, 61.4140,
94.7340

■ 61.1642, 66.1932,
104.1606

Harmonies

Analogous

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



34.0158, 30.0692, 20.4854



30.5808, 30.0692, 16.7625



26.8790, 30.0692, 16.6546

Triad

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



30.5808, 30.0692, 16.7625



22.2047, 30.0692, 37.9673



33.8351, 30.0692, 49.7153

Complementary

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



30.5808, 30.0692, 16.7625



22.4606, 23.9295, 45.5544

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.



30.3511, 30.0692, 56.8199



30.5808, 30.0692, 16.7625



23.7563, 30.0692, 49.1080

Square

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



30.5808, 30.0692, 16.7625



22.2546, 30.0692, 27.4519



26.6682, 30.0692, 56.5763



36.0027, 30.0692, 38.6675

Rectangle

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



30.5808, 30.0692, 16.7625



24.7660, 30.0692, 18.5685



26.6682, 30.0692, 56.5763



32.7665, 30.0692, 52.7406

Sweetspot

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



30.5815, 30.0706, 16.7631



69.0545, 71.6484, 65.9948



27.6605, 20.7875, 26.3976



15.0385, 15.5591, 13.8980



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.



30.5815, 30.0706, 16.7631



52.1475, 50.0365, 22.7411



36.1028, 41.9681, 18.7685



8.8634, 9.2394, 8.9687



16.1957, 12.8899, 1.6344



0.5671, 0.5207, 0.0706

Inverse Universe

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



22.4606, 23.9295, 45.5544



35.5131, 37.4655, 81.7410



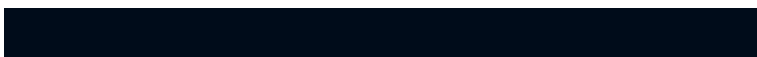
18.5585, 15.6925, 44.1702



8.3536, 8.8535, 10.7749



7.9683, 6.7370, 31.0174



0.3093, 0.3291, 0.9955

Previews

White Background



This preview shows how the XYZ color 30.5808, 30.0692, 16.7625 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.5808, 30.0692, 16.7625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

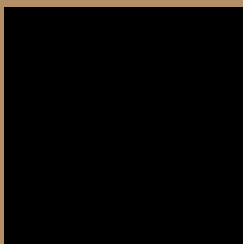
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5808, 30.0692, 16.7625

Background



This preview shows how black text looks on a background with the XYZ color 30.5808, 30.0692, 16.7625.



This preview shows how white text looks on a background with the XYZ color 30.5808, 30.0692,

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

30.5808, 30.0692, 16.7625

Protanopia

27.9952, 30.0919, 17.6974

Deuteranopia

30.5808, 30.0692, 16.7625



Tritanopia

33.5824, 29.9745, 32.0327

Trichromacy



Original Color

30.5808, 30.0692, 16.7625

Protanomaly

28.8688, 30.0824, 17.3816

Deuteranomaly

30.5808, 30.0692, 16.7625

Tritanomaly

32.3854, 29.9277, 25.5425

Monochromacy



Original Color

30.5808, 30.0692, 16.7625

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0958, 30.0070, 26.0882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5808, 30.0692, 16.7625 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, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(178, 143, 102)  
}
```

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, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 143, 102) }
```

Border

The CSS property to change the border of an element to XYZ 30.5808, 30.0692, 16.7625 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, 143, 102) }
```


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

```
.border{ border-color:rgb(178, 143, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 143, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(178, 143,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5808, 30.0692, 16.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 143, 102) }
```

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

```
.background{ background-color: rgb(178,  
143, 102) }
```

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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