

Converting Colors

XYZ(30.6724, 30.6520, 17.8295)

Have a look what the booklet for
XYZ(30.6724, 30.6520, 17.8295)
contains.

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Color

**XYZ(30.6314, 30.5215,
17.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	B0916A
RGB	176, 145, 106
RGB Percent	69%, 57%, 42%
CMY	0.3098, 0.4314, 0.5843
CMYK	0.00, 0.18, 0.40, 0.31
HSL	33°, 31%, 55%
HSV	33°, 40%, 69%
XYZ	30.6314, 30.5215, 17.9125
YIQ	149.8230, 30.9950, -5.5570

Conversions

Conversions Part 2

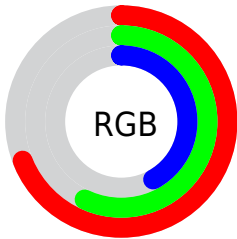
Format	Color
RYB	162, 176, 106
Decimal	11571562
CIELab	62.10, 6.16, 25.07
CIELCh	62, 25.816, 76.197
Yxy	30.5215, 0.3874, 0.3860
Android (android.graphics.Color)	4289761642 (0xFFB0916A)
YUV	149.8230, -21.6047, 22.9572
Hunter-Lab	55.2463, 2.2887, 19.4488

Details

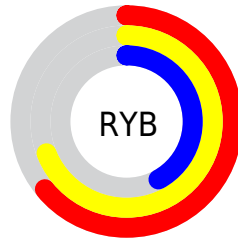
The XYZ color **30.6314, 30.5215, 17.9125** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.7257, 24.0893, 44.5261**, and the grayscale version is **28.9945, 30.5045, 33.2194**.

A 20% lighter version of the original color is **60.1993, 60.6391, 40.8794**, and **12.8820, 12.6275, 5.7614** is the 20% darker color. If you saturate the color by 10%, you get **28.6583, 27.8928, 13.1934**, and if you desaturate by 10%, it is **32.8756, 33.3916, 23.6494**.

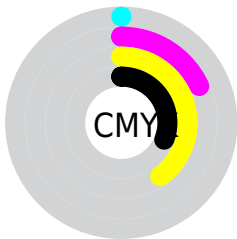
Distribution



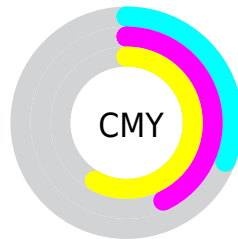
- Red (69%)
- Green (57%)
- Blue (42%)



- Red (64%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6314, 30.5215, 17.9125 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 30.6314, 30.5215, 17.9125 by changing the saturation by 10% instead.


 30.6314, 30.5215,
17.9125


 30.6314, 30.5215,
17.9125


296.6939,
304.3278, 252.5969

 20.4688, 20.2348,
10.7184


 60.0391, 60.4859,
40.7001


 12.8465, 12.5658,
5.7660


 80.0148, 80.9324,
57.1307

 7.3992, 7.1302,
2.6369


 103.9924,
105.5342, 77.4771

 3.7615, 3.5437,
0.9114

 132.3370,
134.6758, 102.1580

 1.5681, 1.4217,
0.0000

165.4141,
168.7416, 131.5919

 0.3715, 0.2327,
0.0000

203.5891,

 0.0000, 0.0000,

208.1159, 166.1974

0.0000

247.2272,
253.1832, 206.3928

■ 30.6314, 30.5215,
17.9125

■ 30.6314, 30.5215,
17.9125

■ 28.6583, 27.8928,
13.1934

■ 32.8756, 33.3916,
23.6494

■ 26.9409, 25.4934,
9.4287

■ 35.4007, 36.5063,
30.4586

■ 25.4653, 23.3161,
6.5508

■ 38.2190, 39.8738,
38.3927

■ 24.2152, 21.3517,
4.4824

■ 41.3409, 43.5010,
47.5005

■ 23.1716, 19.5897,
3.1322

■ 44.7767, 47.3941,
57.8278

■ 22.2973, 18.0122,
2.3130

■ 48.5358, 51.5593,
69.4179

■ 22.2784, 17.9780,
2.2959

■ 52.6274, 56.0024,
82.3121

■ 57.0603, 60.7291,
96.5496

■ 60.2916, 65.1244,
104.0003

Harmonies

Analogous

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



33.8789, 30.5215, 21.2588



30.6314, 30.5215, 17.9125



27.1877, 30.5215, 18.0497

Triad

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



30.6314, 30.5215, 17.9125



23.0612, 30.5215, 38.8543



34.0979, 30.5215, 48.2961

Complementary

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



30.6314, 30.5215, 17.9125



22.7257, 24.0893, 44.5261

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.



30.9115, 30.5215, 55.1742



30.6314, 30.5215, 17.9125



24.6311, 30.5215, 49.0240

Square

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



30.6314, 30.5215, 17.9125



22.9993, 30.5215, 28.8779



27.4464, 30.5215, 55.4644



35.9855, 30.5215, 38.0048

Rectangle

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



30.6314, 30.5215, 17.9125



25.2443, 30.5215, 20.0715



27.4464, 30.5215, 55.4644



33.1323, 30.5215, 51.1666

Sweetspot

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



30.6322, 30.5229, 17.9131



68.0204, 70.7860, 65.9303



27.6100, 21.3590, 26.5232



14.5988, 15.1713, 13.8845



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.6322, 30.5229, 17.9131



52.2903, 51.0149, 24.6509



35.2501, 40.9186, 19.6763



8.8759, 9.2643, 8.9729



16.4052, 13.3090, 1.7042



0.5732, 0.5328, 0.0726

Inverse Universe

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



22.7257, 24.0893, 44.5261



35.8919, 37.6803, 79.8766



19.3592, 16.7261, 43.2823



8.3413, 8.8289, 10.7708



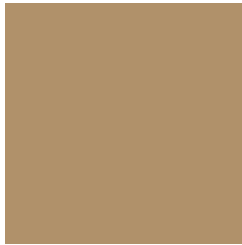
7.8017, 6.4038, 30.9619



0.3040, 0.3185, 0.9937

Previews

White Background



This preview shows how the XYZ color 30.6314, 30.5215, 17.9125 looks on a white background.

Color Contrast Check

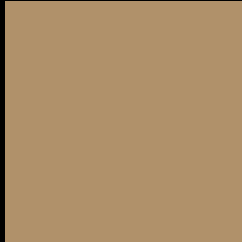
Large Text (above 18pt) WCAG AA × Fail

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 30.6314, 30.5215, 17.9125 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 30.6314, 30.5215, 17.9125

Background



This preview shows how black text looks on a background with the XYZ color 30.6314, 30.5215, 17.9125.



This preview shows how white text looks on a background with the XYZ color 30.6314, 30.5215,

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

30.6314, 30.5215, 17.9125

Protanopia

28.5134, 30.5768, 18.5864

Deuteranopia

31.1652, 30.5708, 17.8938



Tritanopia

33.5600, 30.3705, 32.9475

Trichromacy



Original Color

30.6314, 30.5215, 17.9125

Protanomaly

29.1801, 30.4568, 18.2507

Deuteranomaly

30.9349, 30.4521, 17.8831

Tritanomaly

32.4184, 30.3547, 26.7047

Monochromacy



Original Color

30.6314, 30.5215, 17.9125

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1911, 30.2720, 26.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6314, 30.5215, 17.9125 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(176, 145, 106)` looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 106)  
}
```

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(176, 145, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 106) }
```

Border

The CSS property to change the border of an element to XYZ 30.6314, 30.5215, 17.9125 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(176, 145, 106) }
```


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

```
.border{ border-color:rgb(176, 145, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 145, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 145, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 145, 106);  
box-shadow:4px 4px 4px 4px rgb(176, 145,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6314, 30.5215, 17.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 106) }
```

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

```
.background{ background-color: rgb(176,  
145, 106) }
```

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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