

Converting Colors

XYZ(30.5916, 31.3280, 11.8317)

Have a look what the booklet for
XYZ(30.5916, 31.3280, 11.8317)
contains.

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Color

**XYZ(30.5916, 31.3280,
11.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	B3944F
RGB	179, 148, 79
RGB Percent	70%, 58%, 31%
CMY	0.2980, 0.4196, 0.6902
CMYK	0.00, 0.17, 0.56, 0.30
HSL	41°, 40%, 51%
HSV	41°, 56%, 70%
XYZ	30.5916, 31.3280, 11.8317
YIQ	149.4030, 40.6250, -14.8870

Conversions

Conversions Part 2

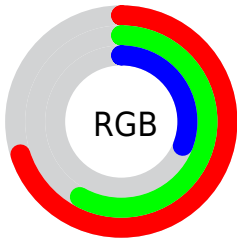
Format	Color
RYB	124, 179, 79
Decimal	11768911
CIELab	62.78, 3.07, 40.39
CIELCh	63, 40.511, 85.652
Yxy	31.3280, 0.4148, 0.4248
Android (android.graphics.Color)	4289958991 (0xFFB3944F)
YUV	149.4030, -34.7087, 25.9566
Hunter-Lab	55.9714, -0.3895, 26.6468

Details

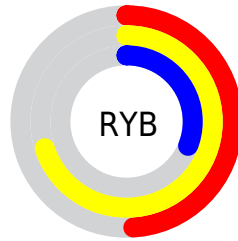
The XYZ color **30.5916, 31.3280, 11.8317** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.9369, 16.0683, 44.8565**, and the grayscale version is **28.8674, 30.3708, 33.0738**.

A 20% lighter version of the original color is **60.0748, 61.8573, 29.8925**, and **12.9142, 13.1142, 3.0789** is the 20% darker color. If you saturate the color by 10%, you get **29.1765, 29.4038, 8.5670**, and if you desaturate by 10%, it is **32.2254, 33.4088, 16.0354**.

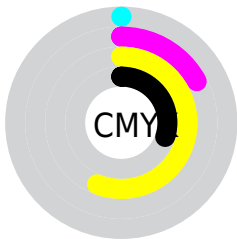
Distribution



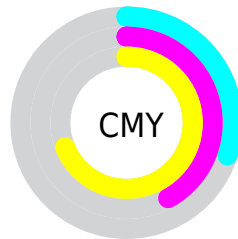
- Red (70%)
- Green (58%)
- Blue (31%)



- Red (49%)
- Yellow (70%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (56%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5916, 31.3280, 11.8317 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 30.5916, 31.3280, 11.8317 by changing the saturation by 10% instead.


 30.5916, 31.3280,
11.8317


 30.5916, 31.3280,
11.8317


296.5130,
308.0466, 214.2261

 20.4384, 20.8487,
6.5080


 59.9767, 61.7561,
29.8480


 12.8242, 13.0135,
3.0826


 79.9393, 82.4737,
43.3777


 7.3838, 7.4378,
1.1370


 103.9025,
107.3730, 60.4799

 3.7517, 3.7374,
0.0000

 132.2314,
136.8382, 81.5730

 1.5626, 1.5278,
0.0000

 165.2916,
171.2537, 107.0757

 0.3679, 0.3082,
0.0000

203.4484,

 0.0000, 0.0000,

211.0040, 137.4064

0.0000

247.0670,
256.4735, 172.9837

■ 30.5916, 31.3280,
11.8317

■ 30.5916, 31.3280,
11.8317

■ 29.1765, 29.4038,
8.5670

■ 32.2254, 33.4088,
16.0354

■ 27.9627, 27.6248,
6.1633

■ 34.0890, 35.6480,
21.2440

■ 26.9338, 25.9846,
4.5329

■ 36.1954, 38.0529,
27.5197

■ 26.0677, 24.4735,
3.5625

■ 38.5558, 40.6287,
34.9190

■ 25.7377, 23.8783,
3.2525

■ 41.1806, 43.3807,
43.4943

■ 44.0798, 46.3135,
53.2948

■ 47.2626, 49.4316,
64.3670

■ 50.7378, 52.7395,
76.7547

■ 54.5138, 56.2412,
90.4998

Harmonies

Analogous

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



36.2028, 31.3280, 14.6083



30.5916, 31.3280, 11.8317



25.3972, 31.3280, 13.3326

Triad

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



30.5916, 31.3280, 11.8317



21.1660, 31.3280, 49.1022



39.4698, 31.3280, 54.3910

Complementary

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



30.5916, 31.3280, 11.8317



16.9369, 16.0683, 44.8565

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.



34.6320, 31.3280, 69.6821



30.5916, 31.3280, 11.8317



24.1593, 31.3280, 66.0228

Square

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



30.5916, 31.3280, 11.8317



20.3642, 31.3280, 31.8489



28.9757, 31.3280, 74.4900



41.7164, 31.3280, 36.4775

Rectangle

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



30.5916, 31.3280, 11.8317



22.7873, 31.3280, 16.9155



28.9757, 31.3280, 74.4900



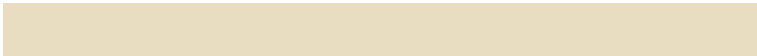
38.0656, 31.3280, 60.2014

Sweetspot

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



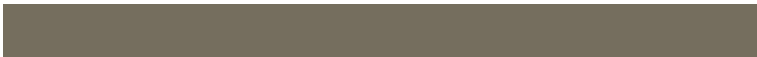
30.5923, 31.3295, 11.8323



68.4228, 72.0900, 60.5278



24.2375, 16.3163, 16.8152



14.9687, 15.7660, 12.8063



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.



30.5923, 31.3295, 11.8323



51.7310, 51.9168, 14.2375



32.1623, 40.3472, 13.4902



8.9704, 9.4533, 9.0044



18.2474, 16.9933, 2.3183



0.6232, 0.6327, 0.0893

Inverse Universe

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



16.9369, 16.0683, 44.8565



24.9032, 21.9975, 79.3146



15.8983, 11.4067, 44.0115



8.2497, 8.6456, 10.7403



6.7833, 4.3670, 30.6224



0.2667, 0.2439, 0.9813

Previews

White Background



This preview shows how the XYZ color 30.5916, 31.3280, 11.8317 looks on a white background.

Color Contrast Check

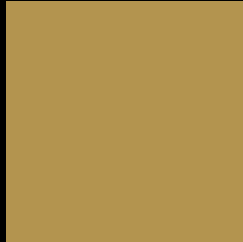
Large Text (above 18pt) WCAG AA × Fail

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 30.5916, 31.3280, 11.8317 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 30.5916, 31.3280, 11.8317

Background



This preview shows how black text looks on a background with the XYZ color 30.5916, 31.3280, 11.8317.



This preview shows how white text looks on a background with the XYZ color 30.5916, 31.3280,

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

30.5916, 31.3280, 11.8317

Protanopia

28.8247, 31.3605, 12.1234

Deuteranopia

32.0669, 31.3948, 11.9591



Tritanopia

34.9716, 31.3048, 33.4774

Trichromacy



Original Color

30.5916, 31.3280, 11.8317

Protanomaly

29.5278, 31.4831, 12.1100

Deuteranomaly

31.4940, 31.3273, 11.9763

Tritanomaly

33.0526, 31.1929, 23.6808

Monochromacy



Original Color

30.5916, 31.3280, 11.8317

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8827, 30.4237, 23.4189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5916, 31.3280, 11.8317 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(179, 148, 79)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 79)  
}
```

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(179, 148, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 79) }
```

Border

The CSS property to change the border of an element to XYZ 30.5916, 31.3280, 11.8317 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(179, 148, 79) }
```


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

```
.border{ border-color:rgb(179, 148, 79) }
```

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

Here you see how a box with a 4 pixel rgb(179, 148, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 79);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5916, 31.3280, 11.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 79) }
```

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

```
.background{ background-color: rgb(179,  
148, 79) }
```

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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