

Converting Colors

XYZ(19.3212, 27.2115, 11.3496)

Have a look what the booklet for
XYZ(19.3212, 27.2115, 11.3496)
contains.

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Color

**XYZ(19.2808, 27.1809,
11.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9B4E
RGB	108, 155, 78
RGB Percent	42%, 61%, 31%
CMY	0.5765, 0.3921, 0.6941
CMYK	0.30, 0.00, 0.50, 0.39
HSL	97°, 33%, 46%
HSV	97°, 50%, 61%
XYZ	19.2808, 27.1809, 11.4380
YIQ	132.1690, -3.2950, -33.9110

Conversions

Conversions Part 2

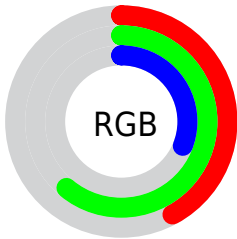
Format	Color
RYB	78, 155, 125
Decimal	7117646
CIELab	59.14, -30.10, 35.19
CIELCh	59, 46.303, 130.544
Yxy	27.1809, 0.3330, 0.4694
Android (android.graphics.Color)	4285307726 (0xFF6C9B4E)
YUV	132.1690, -26.7053, -21.1962
Hunter-Lab	52.1353, -25.2235, 23.4870

Details

The XYZ color **19.2808, 27.1809, 11.4380** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.0996, 12.1762, 32.4609**, and the grayscale version is **22.0880, 23.2383, 25.3065**.

A 20% lighter version of the original color is **41.7070, 55.2552, 29.2360**, and **6.7719, 10.6641, 2.9298** is the 20% darker color. If you saturate the color by 10%, you get **17.7005, 26.4239, 8.7974**, and if you desaturate by 10%, it is **21.1184, 28.0571, 14.7756**.

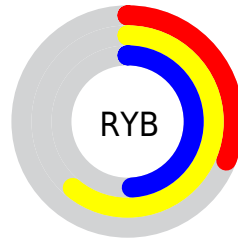
Distribution



Red (42%)

Green (61%)

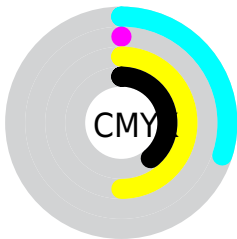
Blue (31%)



Red (31%)

Yellow (61%)

Blue (49%)

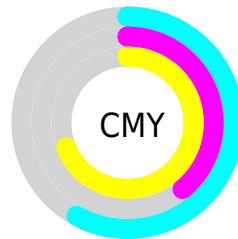


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (39%)



Cyan (58%)

Magenta (39%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2808, 27.1809, 11.4380 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 19.2808, 27.1809, 11.4380 by changing the saturation by 10% instead.

■ 19.2808, 27.1809,
11.4380

■ 19.2808, 27.1809,
11.4380

240.9030,
288.5319, 211.4925

■ 11.9786, 17.7091,
6.2444

■ 41.7213, 55.1740,
29.1162

■ 6.8012, 10.7414,
2.9231

■ 57.5902, 74.4642,
42.4379

■ 3.3833, 5.8932,
1.0555

■ 77.0454, 97.7959,
59.3061

■ 1.3595, 2.7802,
0.0000

■ 100.4522,
125.5536, 80.1392

■ 0.2271, 1.0181,
0.0000

■ 128.1761,
158.1216, 105.3559

■ 0.0000, 0.0000,
0.0000

160.5822,

195.8844, 135.3746

198.0361,
239.2264, 170.6140

■ 19.2808, 27.1809,
11.4380

■ 19.2808, 27.1809,
11.4380

■ 17.7005, 26.4239,
8.7974

■ 21.1184, 28.0571,
14.7756

■ 16.3622, 25.7767,
6.8025

■ 23.2234, 29.0542,
18.8529

■ 15.2517, 25.2342,
5.3981


■ 25.6080, 30.1784,
23.7115


■ 14.3522, 24.7890,
4.5186


■ 28.2827, 31.4344,
29.3892


■ 13.6301, 24.4273,
4.0109


■ 31.2577, 32.8266,
35.9215

 13.6087, 24.4165,
3.9956

 34.5425, 34.3591,
43.3417

 38.1461, 36.0360,
51.6814

 42.0773, 37.8611,
60.9705

 46.3444, 39.8380,
71.2378

Harmonies

Analogous

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



23.8596, 27.1809, 8.0765



19.2808, 27.1809, 11.4380



16.7323, 27.1809, 20.2343

Triad

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



19.2808, 27.1809, 11.4380



22.3171, 27.1809, 70.7314



38.3302, 27.1809, 24.1600

Complementary

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



19.2808, 27.1809, 11.4380



17.0996, 12.1762, 32.4609

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.



37.7535, 27.1809, 41.4728



19.2808, 27.1809, 11.4380



27.9157, 27.1809, 73.0371

Square

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



19.2808, 27.1809, 11.4380



18.2965, 27.1809, 55.3859



33.7271, 27.1809, 60.8508



35.2022, 27.1809, 13.3893

Rectangle

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



19.2808, 27.1809, 11.4380



16.2635, 27.1809, 29.8979



33.7271, 27.1809, 60.8508



38.5735, 27.1809, 29.2949

Sweetspot

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



19.2815, 27.1821, 11.4386



47.8941, 55.0004, 46.7362



22.1266, 21.9853, 10.2855



10.6315, 12.3508, 10.1374



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.2815, 27.1821, 11.4386



31.3133, 47.1346, 15.1498



16.5318, 25.7308, 12.8366



6.3484, 7.0371, 6.6295



10.9704, 19.6313, 3.2110



0.2029, 0.3136, 0.0498

Inverse Universe

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



17.0996, 12.1762, 32.4609



26.9025, 16.9665, 57.3932



21.5331, 14.5341, 29.3992



6.2281, 6.2035, 7.7981



8.5543, 3.8609, 25.2021



0.1685, 0.0786, 0.3787

Previews

White Background



This preview shows how the XYZ color 19.2808, 27.1809, 11.4380 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 19.2808, 27.1809, 11.4380 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 19.2808, 27.1809, 11.4380

Background



This preview shows how black text looks on a background with the XYZ color 19.2808, 27.1809, 11.4380.



This preview shows how white text looks on a background with the XYZ color 19.2808, 27.1809,

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

19.2808, 27.1809, 11.4380

Protanopia

24.6193, 26.9083, 10.3748

Deuteranopia

27.2386, 26.7231, 11.9061



Tritanopia

24.1962, 27.0195, 36.2878

Trichromacy



Original Color

19.2808, 27.1809, 11.4380

Protanomaly

22.3512, 26.8644, 10.6639

Deuteranomaly

23.5526, 26.3296, 11.6254

Tritanomaly

21.9124, 26.7929, 24.7855

Monochromacy



Original Color

19.2808, 27.1809, 11.4380

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.4711, 24.1370, 18.9092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2808, 27.1809, 11.4380 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(108, 155, 78)` looks like.

```
.text, #text, p{  
    color:rgb(108, 155, 78)  
}
```

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(108, 155, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 155, 78) }
```

Border

The CSS property to change the border of an element to XYZ 19.2808, 27.1809, 11.4380 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(108, 155, 78) }
```


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

```
.border{ border-color:rgb(108, 155, 78) }
```

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

Here you see how a box with a 4 pixel rgb(108, 155, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 155, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 155, 78);  
box-shadow:4px 4px 4px 4px rgb(108, 155,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2808, 27.1809, 11.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 155, 78) }
```

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

```
.background{ background-color: rgb(108,  
155, 78) }
```

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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