

Converting Colors

XYZ(17.8795, 27.6127, 10.9747)

Have a look what the booklet for
XYZ(17.8795, 27.6127, 10.9747)
contains.

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Color

**XYZ(17.9606, 27.7735,
11.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	59A04B
RGB	89, 160, 75
RGB Percent	35%, 63%, 29%
CMY	0.6510, 0.3725, 0.7059
CMYK	0.44, 0.00, 0.53, 0.37
HSL	110°, 36%, 46%
HSV	110°, 53%, 63%
XYZ	17.9606, 27.7735, 11.0708
YIQ	129.0810, -15.0310, -41.4870

Conversions

Conversions Part 2

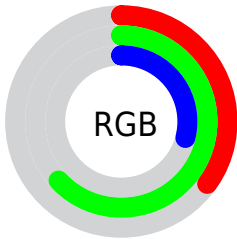
Format	Color
RYB	75, 160, 146
Decimal	5873739
CIELab	59.68, -39.30, 37.14
CIELCh	60, 54.074, 136.618
Yxy	27.7735, 0.3162, 0.4889
Android (android.graphics.Color)	4284063819 (0xFF59A04B)
YUV	129.0810, -26.6619, -35.1510
Hunter-Lab	52.7006, -31.3924, 24.4354

Details

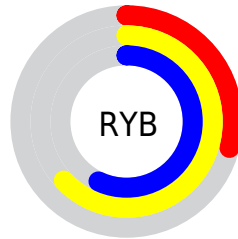
The XYZ color **17.9606, 27.7735, 11.0708** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **20.7168, 13.6822, 34.8083**, and the grayscale version is **20.9895, 22.0826, 24.0479**.

A 20% lighter version of the original color is **39.3940, 55.9469, 28.4612**, and **6.1762, 11.1230, 2.7987** is the 20% darker color. If you saturate the color by 10%, you get **16.3124, 26.9802, 8.4859**, and if you desaturate by 10%, it is **19.9808, 28.7444, 14.3932**.

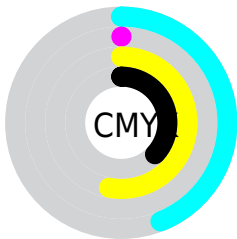
Distribution



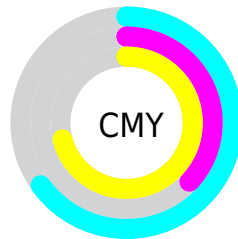
- Red (35%)
- Green (63%)
- Blue (29%)



- Red (29%)
- Yellow (63%)
- Blue (57%)



- Cyan (44%)
- Magenta (0%)
- Yellow (53%)
- Black (37%)



- Cyan (65%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9606, 27.7735, 11.0708 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 17.9606, 27.7735, 11.0708 by changing the saturation by 10% instead.

■ 17.9606, 27.7735,
11.0708

■ 17.9606, 27.7735,
11.0708

233.6988,
291.3830, 208.9075

■ 11.0212, 18.1550,
5.9997

■ 39.5008, 56.1226,
28.4297

■ 6.1485, 11.0613,
2.7761

■ 54.8323, 75.6220,
41.5545

■ 2.9771, 6.1081,
0.9815

■ 73.6919, 99.1838,
58.2010

■ 1.1417, 2.9109,
0.0000

■ 96.4450, 127.1925,
78.7877

■ 0.0596, 1.0854,
0.0000

■ 123.4568,
160.0323, 103.7332

■ 0.0000, 0.0000,
0.0000

155.0928,

198.0878, 133.4560

191.7184,
241.7432, 168.3745

■ 17.9606, 27.7735,
11.0708

■ 17.9606, 27.7735,
11.0708

■ 16.3124, 26.9802,
8.4859

■ 19.9808, 28.7444,
14.3932

■ 15.0110, 26.3501,
6.5806

■ 22.3921, 29.8990,
18.5016

■ 14.0312, 25.8725,
5.2914

■ 25.2147, 31.2476,
23.4424

■ 13.3433, 25.5338,
4.5419

■ 28.4666, 32.7987,
29.2579

■ 13.0064, 25.3670,
4.2108

■ 32.1650, 34.5602,
35.9876

■ 36.3261, 36.5396,
43.6685

■ 40.9651, 38.7441,
52.3356

■ 46.0967, 41.1804,
62.0221

■ 51.7348, 43.8551,
72.7598

Harmonies

Analogous

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



22.8189, 27.7735, 6.6276



17.9606, 27.7735, 11.0708



15.5760, 27.7735, 22.3473

Triad

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



17.9606, 27.7735, 11.0708



23.4747, 27.7735, 83.5401



41.0803, 27.7735, 20.7130

Complementary

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



17.9606, 27.7735, 11.0708



20.7168, 13.6822, 34.8083

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.



41.3384, 27.7735, 39.8031



17.9606, 27.7735, 11.0708



30.3327, 27.7735, 82.4632

Square

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



17.9606, 27.7735, 11.0708



18.3690, 27.7735, 66.6190



37.1338, 27.7735, 64.1102



36.4798, 27.7735, 10.3204

Rectangle

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



17.9606, 27.7735, 11.0708



15.3876, 27.7735, 34.7833



37.1338, 27.7735, 64.1102



41.7022, 27.7735, 26.1117

Sweetspot

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



17.9613, 27.7747, 11.0714



49.7183, 58.6128, 49.5828



26.0217, 28.4894, 10.7845



10.6535, 12.7352, 10.4256



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.9613, 27.7747, 11.0714



29.0677, 48.7204, 14.5782



17.9383, 27.6248, 17.3072



6.6475, 7.4509, 7.0735



10.1577, 19.7732, 3.2812



0.2066, 0.3664, 0.0598

Inverse Universe

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



20.7168, 13.6822, 34.8083



34.5648, 20.2508, 62.4736



21.1564, 14.1633, 23.3302



6.7969, 6.6993, 8.3415



12.5897, 5.9192, 26.3862



0.2511, 0.1193, 0.4730

Previews

White Background



This preview shows how the XYZ color 17.9606, 27.7735, 11.0708 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 17.9606, 27.7735, 11.0708 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 17.9606, 27.7735, 11.0708

Background



This preview shows how black text looks on a background with the XYZ color 17.9606, 27.7735, 11.0708.



This preview shows how white text looks on a background with the XYZ color 17.9606, 27.7735,

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

17.9606, 27.7735, 11.0708

Protanopia

24.9972, 27.3437, 9.5906

Deuteranopia

27.7449, 27.2011, 11.5726



Tritanopia

23.6213, 27.8417, 38.7793

Trichromacy



Original Color

17.9606, 27.7735, 11.0708

Protanomaly

21.5576, 26.9364, 10.0243

Deuteranomaly

22.8644, 26.6550, 11.3370

Tritanomaly

20.9079, 27.4592, 25.6709

Monochromacy



Original Color

17.9606, 27.7735, 11.0708

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.0778, 23.4377, 17.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9606, 27.7735, 11.0708 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(89, 160, 75)` looks like.

```
.text, #text, p{  
    color:rgb(89, 160, 75)  
}
```

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(89, 160, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 160, 75) }
```

Border

The CSS property to change the border of an element to XYZ 17.9606, 27.7735, 11.0708 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(89, 160, 75) }
```


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

```
.border{ border-color:rgb(89, 160, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 160, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 160, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 160, 75);  
box-shadow:4px 4px 4px 4px rgb(89, 160,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9606, 27.7735, 11.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 160, 75) }
```

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

```
.background{ background-color: rgb(89, 160,  
75) }
```

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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