

Converting Colors

XYZ(17.8866, 26.8908, 10.8402)

Have a look what the booklet for
XYZ(17.8866, 26.8908, 10.8402)
contains.

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Color

**XYZ(17.9431, 27.0016,
10.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9D4B
RGB	94, 157, 75
RGB Percent	37%, 62%, 29%
CMY	0.6314, 0.3843, 0.7059
CMYK	0.40, 0.00, 0.52, 0.38
HSL	106°, 35%, 45%
HSV	106°, 52%, 62%
XYZ	17.9431, 27.0016, 10.9227
YIQ	128.8150, -11.2260, -38.8580

Conversions

Conversions Part 2

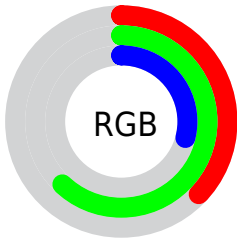
Format	Color
RYB	75, 157, 138
Decimal	6200651
CIELab	58.98, -36.34, 36.34
CIELCh	59, 51.394, 135.003
Yxy	27.0016, 0.3212, 0.4833
Android (android.graphics.Color)	4284390731 (0xFF5E9D4B)
YUV	128.8150, -26.5308, -30.5328
Hunter-Lab	51.9631, -29.2984, 23.9113

Details

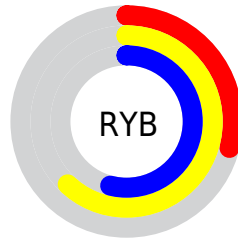
The XYZ color **17.9431, 27.0016, 10.9227** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.0842, 12.8705, 33.3781**, and the grayscale version is **20.8948, 21.9830, 23.9395**.

A 20% lighter version of the original color is **39.5221, 54.8892, 28.2503**, and **6.1525, 10.6491, 2.7085** is the 20% darker color. If you saturate the color by 10%, you get **16.3291, 26.2250, 8.3801**, and if you desaturate by 10%, it is **19.8844, 27.9333, 14.1740**.

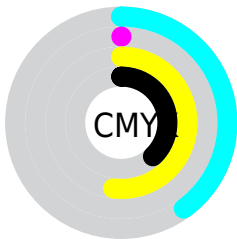
Distribution



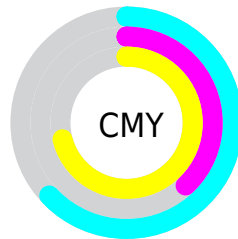
- Red (37%)
- Green (62%)
- Blue (29%)



- Red (29%)
- Yellow (62%)
- Blue (54%)



- Cyan (40%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9431, 27.0016, 10.9227 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 17.9431, 27.0016, 10.9227 by changing the saturation by 10% instead.

■ 17.9431, 27.0016,
10.9227

■ 17.9431, 27.0016,
10.9227

233.6019,
287.6649, 207.8548

■ 11.0086, 17.5744,
5.9014

■ 39.4712, 54.8864,
28.1516

■ 6.1399, 10.6449,
2.7174

■ 54.7955, 74.1129,
41.1962

■ 2.9718, 5.8286,
0.9522

■ 73.6471, 97.3745,
57.7524

■ 1.1389, 2.7411,
0.0000

■ 96.3913, 125.0558,
78.2386

■ 0.0573, 0.9981,
0.0000

■ 123.3935,
157.5411, 103.0734

■ 0.0000, 0.0000,
0.0000

155.0192,

195.2148, 132.6754

191.6335,
238.4612, 167.4630

■ 17.9431, 27.0016,
10.9227

■ 17.9431, 27.0016,
10.9227

■ 16.3291, 26.2250,
8.3801

■ 19.8844, 27.9333,
14.1740

■ 15.0215, 25.5913,
6.4917

■ 22.1684, 29.0244,
18.1796

■ 14.0000, 25.0923,
5.1978

■ 24.8117, 30.2835,
22.9834

■ 13.2406, 24.7171,
4.4273

■ 27.8293, 31.7173,
28.6255

■ 12.7983, 24.4969,
4.0538

■ 31.2353, 33.3325,
35.1431

■ 35.0431, 35.1350,
42.5713

■ 39.2655, 37.1308,
50.9434

■ 43.9146, 39.3254,
60.2908

■ 49.0019, 41.7242,
70.6434

Harmonies

Analogous

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



22.6233, 27.0016, 6.8714



17.9431, 27.0016, 10.9227



15.5609, 27.0016, 21.2275

Triad

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



17.9431, 27.0016, 10.9227



22.6244, 27.0016, 77.9449



39.4007, 27.0016, 21.2249

Complementary

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



17.9431, 27.0016, 10.9227



19.0842, 12.8705, 33.3781

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.



39.4011, 27.0016, 39.4399



17.9431, 27.0016, 10.9227



28.9660, 27.0016, 77.9432

Square

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



17.9431, 27.0016, 10.9227



17.9437, 27.0016, 61.8215



35.3327, 27.0016, 61.8177



35.3317, 27.0016, 10.9215

Rectangle

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



17.9431, 27.0016, 10.9227



15.2971, 27.0016, 32.5652



35.3327, 27.0016, 61.8177



39.8961, 27.0016, 26.4471

Sweetspot

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



17.9438, 27.0028, 10.9233



47.5504, 55.7142, 46.9560



24.2451, 25.8160, 10.3621



10.2388, 12.1530, 9.9130



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.



17.9438, 27.0028, 10.9233



28.7353, 46.7192, 14.2463



17.1109, 26.4716, 15.4849



6.6875, 7.4715, 7.0753



10.4224, 19.9097, 3.2936



0.2195, 0.3731, 0.0604

Inverse Universe

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



19.0842, 12.8705, 33.3781



30.9531, 18.4815, 59.0626



20.8042, 13.9539, 24.5688



6.7538, 6.6771, 8.3395



11.3377, 5.2738, 26.3276



0.2366, 0.1118, 0.4723

Previews

White Background



This preview shows how the XYZ color 17.9431, 27.0016, 10.9227 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 17.9431, 27.0016, 10.9227 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 17.9431, 27.0016, 10.9227

Background



This preview shows how black text looks on a background with the XYZ color 17.9431, 27.0016, 10.9227.



This preview shows how white text looks on a background with the XYZ color 17.9431, 27.0016,

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

17.9431, 27.0016, 10.9227

Protanopia

24.3407, 26.5599, 9.6380

Deuteranopia

27.1624, 26.6927, 11.5052



Tritanopia

23.2417, 26.9691, 37.2383

Trichromacy



Original Color

17.9431, 27.0016, 10.9227

Protanomaly

21.2763, 26.3219, 10.0901

Deuteranomaly

22.7353, 26.1387, 11.2441

Tritanomaly

20.7380, 26.6613, 24.8220

Monochromacy



Original Color

17.9431, 27.0016, 10.9227

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.1954, 23.2824, 17.9502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9431, 27.0016, 10.9227 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(94, 157, 75)` looks like.

```
.text, #text, p{  
    color:rgb(94, 157, 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(94, 157, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 157, 75) }
```

Border

The CSS property to change the border of an element to XYZ 17.9431, 27.0016, 10.9227 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(94, 157, 75) }
```


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

```
.border{ border-color:rgb(94, 157, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 157, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 157, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 157, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 157,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9431, 27.0016, 10.9227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 157, 75) }
```

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

```
.background{ background-color: rgb(94, 157,  
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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