

Converting Colors

XYZ(17.0004, 27.5929, 4.4299)

Have a look what the booklet for
XYZ(17.0004, 27.5929, 4.4299)
contains.

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Color

**XYZ(17.0593, 27.7139,
4.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA100
RGB	91, 161, 0
RGB Percent	36%, 63%, 0%
CMY	0.6431, 0.3686, 0.9999
CMYK	0.43, 0.00, 1.00, 0.37
HSL	86°, 100%, 32%
HSV	86°, 100%, 63%
XYZ	17.0593, 27.7139, 4.4502
YIQ	121.7160, 9.9610, -64.9110

Conversions

Conversions Part 2

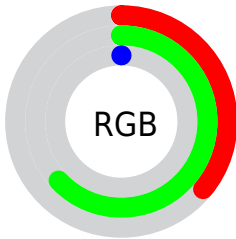
Format	Color
RYB	0, 161, 70
Decimal	6004992
CIELab	59.63, -43.95, 61.50
CIELCh	60, 75.592, 125.549
Yxy	27.7139, 0.3466, 0.5630
Android (android.graphics.Color)	4284195072 (0xFF5BA100)
YUV	121.7160, -60.0060, -26.9379
Hunter-Lab	52.6440, -34.2840, 31.8388

Details

The XYZ color **17.0593, 27.7139, 4.4502** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.9605, 3.8764, 33.9957**, and the grayscale version is **18.5944, 19.5628, 21.3038**.

A 20% lighter version of the original color is **37.9712, 55.8887, 15.0896**, and **6.0041, 11.2133, 1.8479** is the 20% darker color. If you saturate the color by 10%, you get **17.0593, 27.7148, 4.4504**, and if you desaturate by 10%, it is **17.8770, 28.1254, 4.9812**.

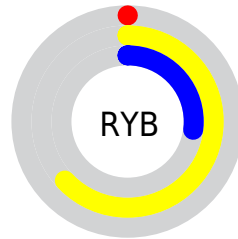
Distribution



Red (36%)

Green (63%)

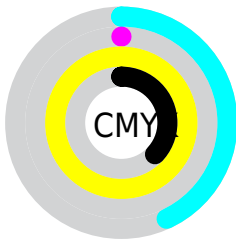
Blue (0%)



Red (0%)

Yellow (63%)

Blue (27%)

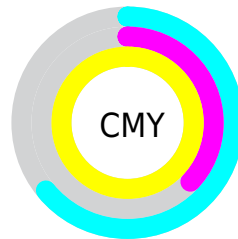


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0593, 27.7139, 4.4502 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 17.0593, 27.7139, 4.4502 by changing the saturation by 10% instead.

■ 17.0593, 27.7139,
4.4502

■ 17.0593, 27.7139,
4.4502

228.6635,
291.0973, 153.1051

■ 10.3723, 18.1101,
1.8754

■ 37.9705, 56.0273,
15.0354

■ 5.7107, 11.0291,
0.4770

■ 52.9254, 75.5058,
23.8830

■ 2.7089, 6.0864,
0.0000

■ 71.3671, 99.0446,
35.6585

■ 1.0018, 2.8977,
0.0000

■ 93.6608, 127.0281,
50.7806


■ 0.0000, 1.0786,
0.0000


■ 120.1720,
159.8407, 69.6677


■ 0.0000, 0.0000,
0.0000


■ 151.2659,


197.8668, 92.7385


 187.3079,
241.4909, 120.4115


 17.0593, 27.7139,
4.4502


 17.0593, 27.7139,
4.4502


 17.0593, 27.7148,
4.4504

 17.8770, 28.1254,
4.9812

 18.8350, 28.5998,
5.9095

 19.9680, 29.1519,
7.4050

 21.2910, 29.7880,
9.5402

 22.8175, 30.5137,
12.3769

■ 24.5590, 31.3339,
15.9693

■ 26.5265, 32.2528,
20.3666

■ 28.7297, 33.2748,
25.6136

■ 31.1780, 34.4036,
31.7519

Harmonies

Analogous

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



24.6089, 27.7139, 2.2840



17.0593, 27.7139, 4.4502



12.9337, 27.7139, 13.2487

Triad

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



17.0593, 27.7139, 4.4502



19.4611, 27.7139, 107.5941



49.1131, 27.7139, 25.3806

Complementary

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



17.0593, 27.7139, 4.4502



8.9605, 3.8764, 33.9957

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.



46.7911, 27.7139, 57.5276



17.0593, 27.7139, 4.4502



28.1530, 27.7139, 118.3450

Square

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



17.0593, 27.7139, 4.4502



14.0680, 27.7139, 72.1259



38.4957, 27.7139, 96.1805



44.2402, 27.7139, 8.7926

Rectangle

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



17.0593, 27.7139, 4.4502



11.9702, 27.7139, 26.2831



38.4957, 27.7139, 96.1805



49.1594, 27.7139, 34.4349

Sweetspot

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



17.0599, 27.7151, 4.4508



47.2918, 57.6604, 35.9823



16.8749, 11.9298, 1.4137



10.0583, 12.4996, 7.1789



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.



17.0599, 27.7151, 4.4508



30.3202, 49.5140, 7.9591



12.8802, 25.5604, 4.2552



7.3506, 8.0832, 7.5529



13.6715, 22.1584, 3.5564



0.3402, 0.4929, 0.0772

Inverse Universe

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



8.9605, 3.8764, 33.9957



15.8278, 6.8287, 60.8704



19.0610, 9.0834, 34.4684



6.9790, 7.0035, 8.8871



7.2007, 3.1186, 27.1522



0.2051, 0.0933, 0.5730

Previews

White Background



This preview shows how the XYZ color 17.0593, 27.7139, 4.4502 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 17.0593, 27.7139, 4.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

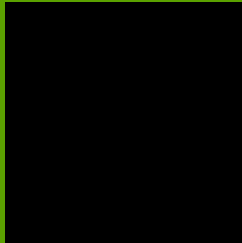
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0593, 27.7139, 4.4502

Background



This preview shows how black text looks on a background with the XYZ color 17.0593, 27.7139, 4.4502.



This preview shows how white text looks on a background with the XYZ color 17.0593, 27.7139,

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

17.0593, 27.7139, 4.4502

Protanopia

24.5204, 27.2220, 3.9620

Deuteranopia

27.8873, 27.4159, 5.1885



Tritanopia

23.8583, 27.7363, 38.2786

Trichromacy



Original Color

17.0593, 27.7139, 4.4502

Protanomaly

21.0597, 27.0469, 4.1106

Deuteranomaly

22.4644, 26.5972, 4.6116

Tritanomaly

19.5973, 26.9740, 17.0056

Monochromacy



Original Color

17.0593, 27.7139, 4.4502

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

16.7349, 21.5379, 10.4829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0593, 27.7139, 4.4502 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(91, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 161, 0)  
}
```

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(91, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 161, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.0593, 27.7139, 4.4502 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(91, 161, 0) }
```


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

```
.border{ border-color:rgb(91, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(91, 161, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0593, 27.7139, 4.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 161, 0) }
```

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

```
.background{ background-color: rgb(91, 161,  
0) }
```

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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