

Converting Colors

XYZ(17.0195, 28.8740, 5.8381)

Have a look what the booklet for
XYZ(17.0195, 28.8740, 5.8381)
contains.

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Color

**XYZ(17.0824, 29.0234,
5.8641)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA61D
RGB	79, 166, 29
RGB Percent	31%, 65%, 11%
CMY	0.6902, 0.3490, 0.8863
CMYK	0.52, 0.00, 0.83, 0.35
HSL	98°, 70%, 38%
HSV	98°, 83%, 65%
XYZ	17.0824, 29.0234, 5.8641
YIQ	124.3690, -7.8750, -61.0510

Conversions

Conversions Part 2

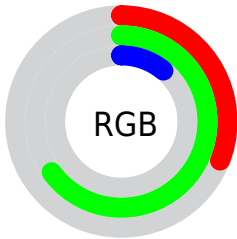
Format	Color
R_{YB}	29, 166, 116
Decimal	5219869
CIE _{Lab}	60.80, -48.88, 56.89
CIE _{LCh}	61, 75.002, 130.668
Yxy	29.0234, 0.3287, 0.5585
Android (android.graphics.Color)	4283409949 (0xFF4FA61D)
YUV	124.3690, -47.0169, -39.7886
Hunter-Lab	53.8734, -37.6788, 31.2577

Details

The XYZ color **17.0824, 29.0234, 5.8641** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **14.5266, 7.3460, 36.7303**, and the grayscale version is **19.4364, 20.4486, 22.2685**.

A 20% lighter version of the original color is **37.9543, 58.1487, 18.0275**, and **5.9176, 11.8167, 1.9690** is the 20% darker color. If you saturate the color by 10%, you get **16.1216, 28.5466, 5.0213**, and if you desaturate by 10%, it is **18.2943, 29.6186, 7.2970**.

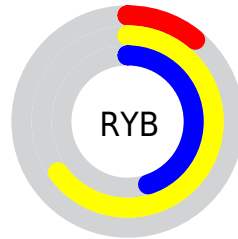
Distribution



Red (31%)

Green (65%)

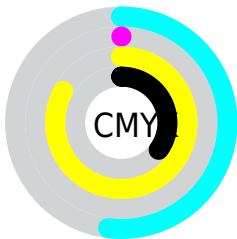
Blue (11%)



Red (11%)

Yellow (65%)

Blue (45%)

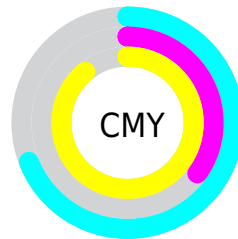


Cyan (52%)

Magenta (0%)

Yellow (83%)

Black (35%)



Cyan (69%)


Magenta (35%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0824, 29.0234, 5.8641 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 17.0824, 29.0234, 5.8641 by changing the saturation by 10% instead.


 17.0824, 29.0234,
5.8641


 17.0824, 29.0234,
5.8641


228.7938,
297.3254, 167.1158


 10.3889, 19.0985,
2.6952


 38.0099, 58.1143,
18.1209


 5.7218, 11.7415,
0.9410


 52.9746, 78.0490,
28.0459

 2.7157, 6.5679,
0.0000


 71.4271, 102.0892,
41.0600

 1.0053, 3.1934,
0.0000

 93.7327, 130.6192,
57.5817

 0.0000, 1.2335,
0.0000

 120.2568,
164.0235, 78.0296

 0.0000, 0.0888,
0.0000

 151.3648,

 0.0000, 0.0000,

202.6863, 102.8223

0.0000

187.4220,
246.9921, 132.3781

■ 17.0824, 29.0234,
5.8641

■ 17.0824, 29.0234,
5.8641

■ 16.1216, 28.5466,
5.0213

■ 18.2943, 29.6186,
7.2970

■ 15.5354, 28.2524,
4.6345

■ 19.7769, 30.3379,
9.4007

■ 21.5498, 31.1907,
12.2450

■ 23.6299, 32.1845,
15.8906

■ 26.0326, 33.3260,
20.3920

■ 28.7723, 34.6216,
25.7987

■ 31.8623, 36.0770,
32.1567

■ 35.3153, 37.6979,
39.5085

■ 39.1432, 39.4896,
47.8944

Harmonies

Analogous

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



24.2586, 29.0234, 2.7545



17.0824, 29.0234, 5.8641



13.4062, 29.0234, 16.9500

Triad

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



17.0824, 29.0234, 5.8641



21.8328, 29.0234, 114.1783



50.4185, 29.0234, 22.6671

Complementary

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



17.0824, 29.0234, 5.8641



14.5266, 7.3460, 36.7303

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.



49.3305, 29.0234, 52.9195



17.0824, 29.0234, 5.8641



31.2043, 29.0234, 119.1939

Square

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



17.0824, 29.0234, 5.8641



15.6681, 29.0234, 81.1007



41.6974, 29.0234, 92.3358



44.3916, 29.0234, 7.9354

Rectangle

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



17.0824, 29.0234, 5.8641



12.7640, 29.0234, 32.2315



41.6974, 29.0234, 92.3358



50.9026, 29.0234, 30.9798

Sweetspot

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



17.0831, 29.0246, 5.8647



50.6912, 62.1117, 43.7622



22.1675, 20.6342, 3.9772



10.9659, 13.7208, 9.0463



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.0831, 29.0246, 5.8647



28.1087, 51.2278, 8.4687



14.6623, 27.7424, 7.3003



7.6856, 8.5360, 8.0318



12.0940, 21.9319, 3.5959



0.3505, 0.5626, 0.0901

Inverse Universe

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



14.5266, 7.3460, 36.7303



23.0703, 10.4851, 66.2832



21.4906, 11.1162, 28.9209



7.5725, 7.5277, 9.4722



9.9461, 4.5108, 28.3220



0.2952, 0.1372, 0.6916

Previews

White Background



This preview shows how the XYZ color 17.0824, 29.0234, 5.8641 looks on a white background.

Color Contrast Check

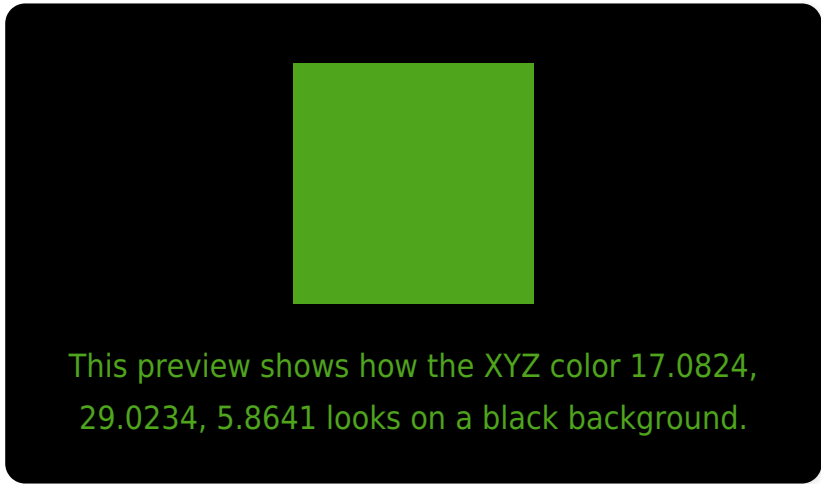
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 17.0824, 29.0234, 5.8641

Background



This preview shows how black text looks on a background with the XYZ color 17.0824, 29.0234, 5.8641.



This preview shows how white text looks on a background with the XYZ color 17.0824, 29.0234,

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

17.0824, 29.0234, 5.8641

Protanopia

25.7536, 28.5162, 5.0110

Deuteranopia

29.0715, 28.4261, 6.3374



Tritanopia

24.1759, 29.0575, 40.8937

Trichromacy



Original Color

17.0824, 29.0234, 5.8641

Protanomaly

21.2506, 27.8436, 5.2316

Deuteranomaly

22.6332, 27.3460, 6.0049

Tritanomaly

20.2251, 28.4603, 21.2570

Monochromacy



Original Color

17.0824, 29.0234, 5.8641

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.2201, 22.3747, 12.8623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0824, 29.0234, 5.8641 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(79, 166, 29)` looks like.

```
.text, #text, p{  
    color:rgb(79, 166, 29)  
}
```

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(79, 166, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 166, 29) }
```

Border

The CSS property to change the border of an element to XYZ 17.0824, 29.0234, 5.8641 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(79, 166, 29) }
```


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

```
.border{ border-color:rgb(79, 166, 29) }
```

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

Here you see how a box with a 4 pixel rgb(79, 166, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 166, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 166, 29);  
box-shadow:4px 4px 4px 4px rgb(79, 166,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0824, 29.0234, 5.8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 166, 29) }
```

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

```
.background{ background-color: rgb(79, 166,  
29) }
```

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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