

Converting Colors

XYZ(17.6715, 29.3320, 5.7192)

Have a look what the booklet for
XYZ(17.6715, 29.3320, 5.7192)
contains.

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Color

**XYZ(17.6604, 29.3255,
5.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	56A61A
RGB	86, 166, 26
RGB Percent	34%, 65%, 10%
CMY	0.6627, 0.3490, 0.8980
CMYK	0.48, 0.00, 0.84, 0.35
HSL	94°, 73%, 38%
HSV	94°, 84%, 65%
XYZ	17.6604, 29.3255, 5.7069
YIQ	126.1200, -2.7400, -60.5000

Conversions

Conversions Part 2

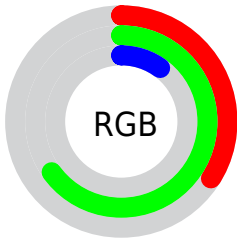
Format	Color
R_{YB}	26, 166, 106
Decimal	5678618
CIE _{Lab}	61.07, -46.87, 58.03
CIE _{LCh}	61, 74.595, 128.931
Yxy	29.3255, 0.3352, 0.5565
Android (android.graphics.Color)	4283868698 (0xFF56A61A)
YUV	126.1200, -49.3592, -35.1852
Hunter-Lab	54.1530, -36.5553, 31.6589

Details

The XYZ color **17.6604, 29.3255, 5.7069** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **13.1982, 6.5574, 36.6482**, and the grayscale version is **20.0364, 21.0799, 22.9560**.

A 20% lighter version of the original color is **39.0887, 58.7381, 17.8717**, and **6.1936, 11.9590, 1.9819** is the 20% darker color. If you saturate the color by 10%, you get **16.7098, 28.8519, 4.9584**, and if you desaturate by 10%, it is **18.8357, 29.9043, 7.0274**.

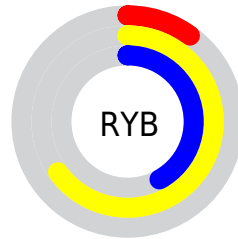
Distribution



Red (34%)

Green (65%)

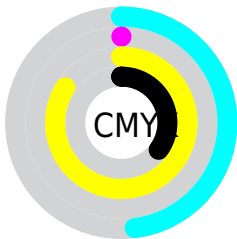
Blue (10%)



Red (10%)

Yellow (65%)

Blue (42%)

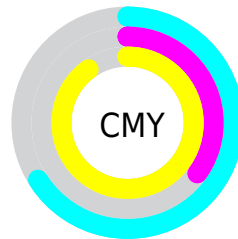


Cyan (48%)

Magenta (0%)

Yellow (84%)

Black (35%)



Cyan (66%)


Magenta (35%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6604, 29.3255, 5.7069 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 17.6604, 29.3255, 5.7069 by changing the saturation by 10% instead.


 17.6604, 29.3255,
5.7069


 17.6604, 29.3255,
5.7069


232.0327,
298.7477, 165.6402


 10.8047, 19.3272,
2.6018


 38.9924, 58.5938,
17.7865


 6.0020, 11.9069,
0.8934


 54.1994, 78.6327,
27.5980


 2.8869, 6.6803,
0.0000


 72.9209, 102.7871,
40.4822

 1.0943, 3.2630,
0.0000

 95.5222, 131.4416,
56.8574

 0.0203, 1.2705,
0.0000

 122.3687,
164.9805, 77.1423

 0.0000, 0.1182,
0.0000

 153.8256,

 0.0000, 0.0000,

203.7882, 101.7554

0.0000

190.2585,
248.2491, 131.1152

■ 17.6604, 29.3255,
5.7069

■ 17.6604, 29.3255,
5.7069

■ 16.7098, 28.8519,
4.9584

■ 18.8357, 29.9043,
7.0274

■ 16.2454, 28.6185,
4.6677

■ 20.2542, 30.5933,
9.0037

■ 21.9341, 31.4012,
11.7077

■ 23.8910, 32.3347,
15.2013

■ 26.1391, 33.3999,
19.5399

■ 28.6914, 34.6025,
24.7738

■ 31.5603, 35.9478,
30.9493

■ 34.7571, 37.4406,
38.1098

■ 38.2927, 39.0857,
46.2956

Harmonies

Analogous

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



25.0585, 29.3255, 2.8216



17.6604, 29.3255, 5.7069



13.7663, 29.3255, 16.2372

Triad

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



17.6604, 29.3255, 5.7069



21.6529, 29.3255, 112.9905



50.8418, 29.3255, 24.2886

Complementary

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



17.6604, 29.3255, 5.7069



13.1982, 6.5574, 36.6482

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.



49.3230, 29.3255, 55.4271



17.6604, 29.3255, 5.7069



30.8908, 29.3255, 119.9638

Square

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



17.6604, 29.3255, 5.7069



15.6691, 29.3255, 79.0452



41.4155, 29.3255, 94.6920



45.1801, 29.3255, 8.6573

Rectangle

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



17.6604, 29.3255, 5.7069



12.9987, 29.3255, 30.9375



41.4155, 29.3255, 94.6920



51.1775, 29.3255, 32.9445

Sweetspot

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



17.6611, 29.3268, 5.7075



51.5172, 62.5375, 43.8009



20.9993, 18.3543, 3.4137



11.1689, 13.8254, 9.0558



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.



17.6611, 29.3268, 5.7075



29.2507, 51.8179, 8.4602



14.3715, 27.6169, 6.1899



7.7302, 8.5590, 8.0339



12.6484, 22.2177, 3.6218



0.3667, 0.5710, 0.0909

Inverse Universe

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



13.1982, 6.5574, 36.6482



20.7850, 9.2720, 66.1695



22.1539, 11.2696, 32.7586



7.5267, 7.5041, 9.4701



9.0404, 4.0439, 28.2796



0.2767, 0.1277, 0.6907

Previews

White Background



This preview shows how the XYZ color 17.6604, 29.3255, 5.7069 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 17.6604, 29.3255, 5.7069 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 17.6604, 29.3255, 5.7069

Background



This preview shows how black text looks on a background with the XYZ color 17.6604, 29.3255, 5.7069.



This preview shows how white text looks on a background with the XYZ color 17.6604, 29.3255,

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

17.6604, 29.3255, 5.7069

Protanopia

26.0770, 28.9173, 4.8690

Deuteranopia

29.4177, 28.8228, 6.2034



Tritanopia

24.5941, 29.0270, 40.8657

Trichromacy



Original Color

17.6604, 29.3255, 5.7069

Protanomaly

21.8538, 28.4034, 5.0896

Deuteranomaly

23.2786, 27.9182, 5.8309

Tritanomaly

20.5248, 28.3673, 20.9167

Monochromacy



Original Color

17.6604, 29.3255, 5.7069

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

17.9259, 23.1674, 13.1998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6604, 29.3255, 5.7069 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(86, 166, 26)` looks like.

```
.text, #text, p{  
    color:rgb(86, 166, 26)  
}
```

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(86, 166, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 166, 26) }
```

Border

The CSS property to change the border of an element to XYZ 17.6604, 29.3255, 5.7069 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(86, 166, 26) }
```


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

```
.border{ border-color:rgb(86, 166, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 166, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 166, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 166, 26);  
box-shadow:4px 4px 4px 4px rgb(86, 166,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6604, 29.3255, 5.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 166, 26) }
```

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

```
.background{ background-color: rgb(86, 166,  
26) }
```

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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