

Converting Colors

XYZ(17.8819, 28.0088, 6.2099)

Have a look what the booklet for
XYZ(17.8819, 28.0088, 6.2099)
contains.

XYZ(17.9027, 28.1101, 6.2325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9027, 28.1101,
6.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	60A125
RGB	96, 161, 37
RGB Percent	38%, 63%, 15%
CMY	0.6235, 0.3686, 0.8549
CMYK	0.40, 0.00, 0.77, 0.37
HSL	91°, 63%, 39%
HSV	91°, 77%, 63%
XYZ	17.9027, 28.1101, 6.2325
YIQ	127.4290, 1.0640, -52.3440

Conversions

Conversions Part 2

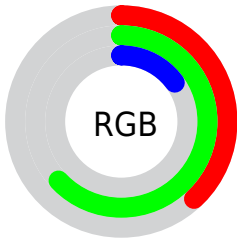
Format	Color
R_{YB}	37, 161, 102
Decimal	6332709
CIE _{Lab}	59.99, -40.92, 53.94
CIE _{LCh}	60, 67.703, 127.188
Yxy	28.1101, 0.3427, 0.5380
Android (android.graphics.Color)	4284522789 (0xFF60A125)
YUV	127.4290, -44.5815, -27.5632
Hunter-Lab	53.0190, -32.5098, 30.1436

Details

The XYZ color **17.9027, 28.1101, 6.2325** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **12.5755, 6.7221, 34.3544**, and the grayscale version is **20.4699, 21.5360, 23.4527**.

A 20% lighter version of the original color is **39.2501, 56.4637, 18.9551**, and **6.3053, 11.3686, 1.8620** is the 20% darker color. If you saturate the color by 10%, you get **16.8629, 27.5980, 5.1430**, and if you desaturate by 10%, it is **19.1507, 28.7184, 7.9148**.

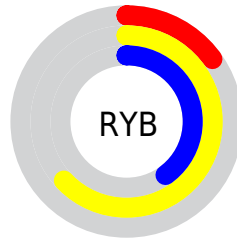
Distribution



Red (38%)

Green (63%)

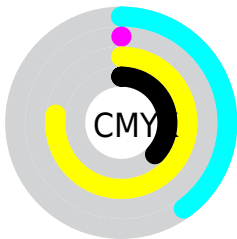
Blue (15%)



Red (15%)

Yellow (63%)

Blue (40%)

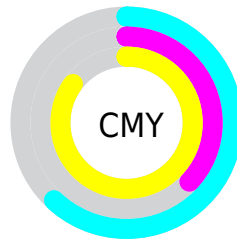


Cyan (40%)

Magenta (0%)

Yellow (77%)

Black (37%)



Cyan (62%)


Magenta (37%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9027, 28.1101, 6.2325 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 17.9027, 28.1101, 6.2325 by changing the saturation by 10% instead.


 17.9027, 28.1101,
6.2325


 17.9027, 28.1101,
6.2325


233.3782,
292.9926, 170.5061


 10.9794, 18.4087,
2.9159


 39.4028, 56.6602,
18.8975


 6.1202, 11.2438,
1.0519


 54.7104, 76.2776,
29.0830


 2.9597, 6.2311,
0.0000

 73.5435, 99.9692,
42.3953

 1.1325, 2.9861,
0.0000

 96.2673, 128.1192,
59.2528

 0.0520, 1.1245,
0.0000

 123.2474,
161.1122, 80.0740

 0.0000, 0.0000,
0.0000

 154.8490,

199.3325, 105.2777

191.4375,
243.1645, 135.2822

■ 17.9027, 28.1101,
6.2325

■ 17.9027, 28.1101,
6.2325

■ 16.8629, 27.5980,
5.1430

■ 19.1507, 28.7184,
7.9148

■ 16.0062, 27.1688,
4.5385

■ 20.6207, 29.4259,
10.2567

■ 15.7739, 27.0521,
4.3902

■ 22.3275, 30.2398,
13.3183

■ 24.2837, 31.1654,
17.1522

■ 26.5008, 32.2077,
21.8063

■ 28.9896, 33.3712,
27.3242

■ 31.7602, 34.6602,
33.7470

■ 34.8221, 36.0788,
41.1126

■ 38.1844, 37.6309,
49.4572

Harmonies

Analogous

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



24.6980, 28.1101, 3.5418



17.9027, 28.1101, 6.2325



14.1708, 28.1101, 15.6500

Triad

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



17.9027, 28.1101, 6.2325



20.7952, 28.1101, 98.4870



46.7571, 28.1101, 25.0458

Complementary

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



17.9027, 28.1101, 6.2325



12.5755, 6.7221, 34.3544

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.



45.0845, 28.1101, 52.9360



17.9027, 28.1101, 6.2325



28.8449, 28.1101, 105.9445

Square

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



17.9027, 28.1101, 6.2325



15.5730, 28.1101, 69.1774



38.0352, 28.1101, 86.1057



42.2097, 28.1101, 9.9526

Rectangle

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



17.9027, 28.1101, 6.2325



13.3511, 28.1101, 28.3376



38.0352, 28.1101, 86.1057



46.9173, 28.1101, 32.9947

Sweetspot

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



17.9034, 28.1113, 6.2331



48.9991, 58.4000, 42.4113



19.6932, 17.0322, 4.0003



10.4247, 12.6575, 8.5999



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.



17.9034, 28.1113, 6.2331



29.1393, 48.8937, 8.4209



13.8760, 26.0313, 6.2189



7.2911, 8.0526, 7.5501



12.6441, 21.6288, 3.5084



0.3202, 0.4826, 0.0763

Inverse Universe

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



12.5755, 6.7221, 34.3544



19.1308, 8.8227, 61.0812



21.6129, 11.4019, 33.8338



7.0382, 7.0340, 8.8898



8.1340, 3.5997, 27.1959



0.2251, 0.1036, 0.5740

Previews

White Background



This preview shows how the XYZ color 17.9027, 28.1101, 6.2325 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 17.9027, 28.1101, 6.2325 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 17.9027, 28.1101, 6.2325

Background



This preview shows how black text looks on a background with the XYZ color 17.9027, 28.1101, 6.2325.



This preview shows how white text looks on a background with the XYZ color 17.9027, 28.1101,

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

17.9027, 28.1101, 6.2325

Protanopia

25.1481, 27.7377, 5.4673

Deuteranopia

28.3016, 27.8080, 6.6721



Tritanopia

24.3674, 27.9987, 38.3024

Trichromacy



Original Color

17.9027, 28.1101, 6.2325

Protanomaly

21.6763, 27.3315, 5.6464

Deuteranomaly

23.1279, 27.1292, 6.4004

Tritanomaly

20.8299, 27.5214, 21.0439

Monochromacy



Original Color

17.9027, 28.1101, 6.2325

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.4555, 22.9864, 14.0538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9027, 28.1101, 6.2325 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(96, 161, 37)` looks like.

```
.text, #text, p{  
    color:rgb(96, 161, 37)  
}
```

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(96, 161, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 161, 37) }
```

Border

The CSS property to change the border of an element to XYZ 17.9027, 28.1101, 6.2325 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(96, 161, 37) }
```


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

```
.border{ border-color:rgb(96, 161, 37) }
```

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

Here you see how a box with a 4 pixel rgb(96, 161, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 161, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 161, 37);  
box-shadow:4px 4px 4px 4px rgb(96, 161,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9027, 28.1101, 6.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 161, 37) }
```

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

```
.background{ background-color: rgb(96, 161,  
37) }
```

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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