

Converting Colors

XYZ(17.5558, 28.7879, 11.7201)

Have a look what the booklet for
XYZ(17.5558, 28.7879, 11.7201)
contains.

XYZ(17.6187, 28.9019, 11.6712)	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(17.6187, 28.9019,
11.6712)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA54D
RGB	74, 165, 77
RGB Percent	29%, 65%, 30%
CMY	0.7098, 0.3529, 0.6980
CMYK	0.55, 0.00, 0.53, 0.35
HSL	122°, 38%, 47%
HSV	122°, 55%, 65%
XYZ	17.6187, 28.9019, 11.6712
YIQ	127.7590, -25.9880, -46.6600

Conversions

Conversions Part 2

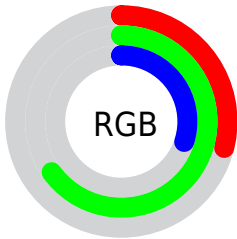
Format	Color
RYB	74, 162, 165
Decimal	4891981
CIELab	60.69, -45.49, 37.23
CIELCh	61, 58.782, 140.706
Yxy	28.9019, 0.3028, 0.4967
Android (android.graphics.Color)	4283082061 (0xFF4AA54D)
YUV	127.7590, -25.0242, -47.1466
Hunter-Lab	53.7605, -35.5818, 24.7607

Details

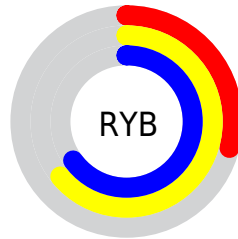
The XYZ color **17.6187, 28.9019, 11.6712** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **24.4882, 15.5060, 35.8852**, and the grayscale version is **20.5252, 21.5942, 23.5160**.

A 20% lighter version of the original color is **38.9587, 58.0172, 29.5672**, and **6.0038, 11.6722, 3.0351** is the 20% darker color. If you saturate the color by 10%, you get **16.0152, 28.1334, 9.0076**, and if you desaturate by 10%, it is **19.6950, 29.8998, 15.0795**.

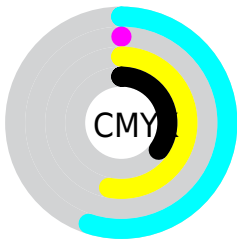
Distribution



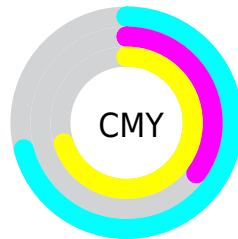
- Red (29%)
- Green (65%)
- Blue (30%)



- Red (29%)
- Yellow (64%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)





- Cyan (71%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6187, 28.9019, 11.6712 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 17.6187, 28.9019, 11.6712 by changing the saturation by 10% instead.


 17.6187, 28.9019,
11.6712


 17.6187, 28.9019,
11.6712


231.8004,
296.7518, 213.1163


 10.7746, 19.0066,
6.4004


 38.9217, 57.9212,
29.5502


 5.9817, 11.6751,
3.0173


 54.1114, 77.8140,
42.9955


 2.8745, 6.5228,
1.1035


 72.8135, 101.8081,
60.0027

 1.0877, 3.1655,
0.0000

 95.3937, 130.2879,
80.9904

 0.0148, 1.2187,
0.0000

 122.2170,
163.6377, 106.3770

 0.0000, 0.0769,
0.0000

153.6490,

 0.0000, 0.0000,

202.2421, 136.5812

0.0000

190.0550,
246.4853, 172.0214

■ 17.6187, 28.9019,
11.6712

■ 17.6187, 28.9019,
11.6712

■ 16.0152, 28.1334,
9.0076

■ 19.6950, 29.8998,
15.0795

■ 14.8455, 27.5730,
7.0314

■ 22.2749, 31.1395,
19.2804

■ 14.0678, 27.2011,
5.6800

■ 25.3894, 32.6368,
24.3200

■ 13.6296, 26.9925,
4.8786

■ 29.0660, 34.4049,
30.2405

■ 13.4855, 26.9233,
4.6423

■ 33.3306, 36.4564,
37.0811

■ 38.2073, 38.8029,
44.8786

■ 43.7190, 41.4555,
53.6678

■ 49.8874, 44.4245,
63.4821

■ 56.7330, 47.7201,
74.3527

Harmonies

Analogous

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



22.6082, 28.9019, 6.2736



17.6187, 28.9019, 11.6712



15.3981, 28.9019, 25.1661

Triad

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



17.6187, 28.9019, 11.6712



25.1710, 28.9019, 93.7127



43.5842, 28.9019, 18.8409

Complementary

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



17.6187, 28.9019, 11.6712



24.4882, 15.5060, 35.8852

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.



44.6181, 28.9019, 38.7457



17.6187, 28.9019, 11.6712



32.9841, 28.9019, 89.3131

Square

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



17.6187, 28.9019, 11.6712



19.1958, 28.9019, 76.4033



40.4433, 28.9019, 66.2325



37.8351, 28.9019, 8.8826

Rectangle

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



17.6187, 28.9019, 11.6712



15.4408, 28.9019, 39.9268



40.4433, 28.9019, 66.2325



44.5316, 28.9019, 24.2993

Sweetspot

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



17.6194, 28.9031, 11.6718



50.5436, 60.8883, 51.7297



29.8958, 35.2438, 11.7057



10.7718, 13.1777, 10.8618



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.6194, 28.9031, 11.6718



28.1888, 50.1470, 15.3062



19.7321, 29.7482, 22.7971



6.9946, 7.8986, 7.5833



10.2052, 20.3684, 3.5313



0.2171, 0.4291, 0.0883

Inverse Universe

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



24.4882, 15.5060, 35.8852



41.7364, 23.6988, 63.0450



21.2356, 14.2049, 18.7575



7.3542, 7.1981, 8.8516



16.5135, 7.9615, 25.6925



0.3499, 0.1685, 0.5552

Previews

White Background



This preview shows how the XYZ color 17.6187, 28.9019, 11.6712 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 17.6187, 28.9019, 11.6712 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 17.6187, 28.9019, 11.6712

Background



This preview shows how black text looks on a background with the XYZ color 17.6187, 28.9019, 11.6712.



This preview shows how white text looks on a background with the XYZ color 17.6187, 28.9019,

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

17.6187, 28.9019, 11.6712

Protanopia

26.1142, 28.5898, 10.1032

Deuteranopia

28.9643, 28.4524, 12.3528



Tritanopia

23.5085, 28.7027, 41.3469

Trichromacy



Original Color

17.6187, 28.9019, 11.6712

Protanomaly

21.6471, 27.9306, 10.5536

Deuteranomaly

22.8903, 27.3493, 11.8571

Tritanomaly

20.7018, 28.5718, 27.3455

Monochromacy



Original Color

17.6187, 28.9019, 11.6712

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.4695, 23.3420, 18.0000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6187, 28.9019, 11.6712 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(74, 165, 77)` looks like.

```
.text, #text, p{  
    color:rgb(74, 165, 77)  
}
```

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(74, 165, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 165, 77) }
```

Border

The CSS property to change the border of an element to XYZ 17.6187, 28.9019, 11.6712 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(74, 165, 77) }
```


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

```
.border{ border-color:rgb(74, 165, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 165, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 165, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 165, 77);  
box-shadow:4px 4px 4px 4px rgb(74, 165,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6187, 28.9019, 11.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 165, 77) }
```

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

```
.background{ background-color: rgb(74, 165,  
77) }
```

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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