

Converting Colors

XYZ(18.0177, 28.9795, 17.4759)

Have a look what the booklet for
XYZ(18.0177, 28.9795, 17.4759)
contains.

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Color

**XYZ(18.0177, 28.9795,
17.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	40A567
RGB	64, 165, 103
RGB Percent	25%, 65%, 40%
CMY	0.7490, 0.3529, 0.5961
CMYK	0.61, 0.00, 0.38, 0.35
HSL	143°, 44%, 45%
HSV	143°, 61%, 65%
XYZ	18.0177, 28.9795, 17.4759
YIQ	127.7330, -40.2940, -40.6940

Conversions

Conversions Part 2

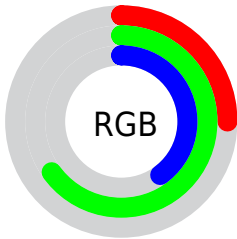
Format	Color
RYB	64, 137, 165
Decimal	4236647
CIELab	60.76, -43.65, 23.66
CIElCh	61, 49.652, 151.540
Yxy	28.9795, 0.2795, 0.4495
Android (android.graphics.Color)	4282426727 (0xFF40A567)
YUV	127.7330, -12.1934, -55.8938
Hunter-Lab	53.8326, -34.4634, 18.4353

Details

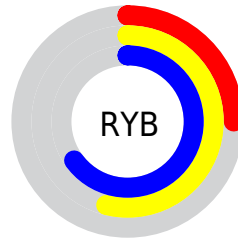
The XYZ color **18.0177, 28.9795, 17.4759** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.1173, 13.1732, 21.1697**, and the grayscale version is **20.4769, 21.5433, 23.4606**.

A 20% lighter version of the original color is **39.6580, 58.1444, 40.1431**, and **6.4838, 11.8642, 5.5627** is the 20% darker color. If you saturate the color by 10%, you get **16.6214, 28.3157, 14.9158**, and if you desaturate by 10%, it is **19.7946, 29.8340, 20.3766**.

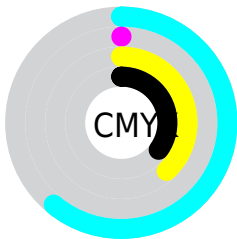
Distribution



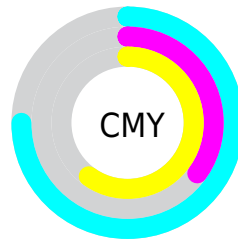
- Red (25%)
- Green (65%)
- Blue (40%)



- Red (25%)
- Yellow (54%)
- Blue (65%)



- Cyan (61%)
- Magenta (0%)
- Yellow (38%)
- Black (35%)



- Cyan (75%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0177, 28.9795, 17.4759 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 18.0177, 28.9795, 17.4759 by changing the saturation by 10% instead.

■ 18.0177, 28.9795,
17.4759

■ 18.0177, 28.9795,
17.4759

234.0144,
297.1182, 250.0362

■ 11.0625, 19.0653,
10.4088

■ 39.5973, 58.0445,
39.9440

■ 6.1765, 11.7175,
5.5617

■ 54.9524, 77.9641,
56.1822

■ 2.9944, 6.5516,
2.5160

■ 73.8382, 101.9877,
76.3144

■ 1.1508, 3.1833,
0.8486

■ 96.6200, 130.4996,
100.7593

■ 0.0670, 1.2282,
0.0000

■ 123.6631,
163.8842, 129.9354

■ 0.0000, 0.0845,
0.0000

155.3330,

■ 0.0000, 0.0000,

202.5259, 164.2612

0.0000

191.9950,
246.8091, 204.1553

■ 18.0177, 28.9795,
17.4759

■ 18.0177, 28.9795,
17.4759

■ 16.6214, 28.3157,
14.9158

■ 19.7946, 29.8340,
20.3766

■ 15.5722, 27.8232,
12.6815

■ 21.9772, 30.8894,
23.6282

■ 14.8345, 27.4847,
10.7597

■ 24.5912, 32.1597,
27.2428

■ 14.3729, 27.2782,
9.3153

■ 27.6594, 33.6563,
31.2313

■ 31.2029, 35.3899,
35.6043

■ 35.2415, 37.3706,
40.3719

■ 39.7937, 39.6076,
45.5436

■ 44.8772, 42.1099,
51.1290

■ 50.5089, 44.8860,
57.1369

Harmonies

Analogous

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



21.5536, 28.9795, 9.9333



18.0177, 28.9795, 17.4759



16.9152, 28.9795, 32.5181

Triad

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



18.0177, 28.9795, 17.4759



27.8788, 28.9795, 82.0302



39.5214, 28.9795, 16.3843

Complementary

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



18.0177, 28.9795, 17.4759



21.1173, 13.1732, 21.1697

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.



41.8919, 28.9795, 30.6087



18.0177, 28.9795, 17.4759



34.5530, 28.9795, 72.5281

Square

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



18.0177, 28.9795, 17.4759



22.0476, 28.9795, 74.2036



39.9469, 28.9795, 51.6824



33.8858, 28.9795, 9.4980

Rectangle

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



18.0177, 28.9795, 17.4759



17.5453, 28.9795, 46.4708



39.9469, 28.9795, 51.6824



40.7628, 28.9795, 20.2286

Sweetspot

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



18.0184, 28.9807, 17.4766



51.2738, 61.1241, 58.1161



23.0276, 31.7389, 9.7634



10.8428, 13.1837, 12.2448



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.



18.0184, 28.9807, 17.4766



29.1151, 50.4020, 25.3994



21.3381, 30.3085, 34.9576



7.0935, 7.9382, 8.1040



10.8958, 20.6447, 7.1678



0.2516, 0.4429, 0.2701

Inverse Universe

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



21.1173, 13.1732, 21.1697



35.1127, 19.6628, 32.4392



18.6483, 12.1856, 8.1677



7.2479, 7.1556, 8.2916



13.5515, 6.7767, 10.0949



0.3068, 0.1512, 0.3283

Previews

White Background



This preview shows how the XYZ color 18.0177, 28.9795, 17.4759 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 18.0177, 28.9795, 17.4759 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 18.0177, 28.9795, 17.4759

Background



This preview shows how black text looks on a background with the XYZ color 18.0177, 28.9795, 17.4759.



This preview shows how white text looks on a background with the XYZ color 18.0177, 28.9795,

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

18.0177, 28.9795, 17.4759

Protanopia

26.4450, 28.6531, 14.9633

Deuteranopia

29.1517, 28.6309, 18.4579



Tritanopia

22.9688, 28.9010, 42.3981

Trichromacy



Original Color

18.0177, 28.9795, 17.4759



Protanomaly

21.9080, 27.9494, 15.7954



Deuteranomaly

23.0742, 27.5430, 18.0101



Tritanomaly

20.8197, 28.7947, 31.6548

Monochromacy



Original Color

18.0177, 28.9795, 17.4759



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

18.6803, 23.3849, 20.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0177, 28.9795, 17.4759 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(64, 165, 103)` looks like.

```
.text, #text, p{  
    color:rgb(64, 165, 103)  
}
```

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(64, 165, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 165, 103) }
```

Border

The CSS property to change the border of an element to XYZ 18.0177, 28.9795, 17.4759 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(64, 165, 103) }
```


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

```
.border{ border-color:rgb(64, 165, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 165, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 165, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 165, 103);  
box-shadow:4px 4px 4px 4px rgb(64, 165,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0177, 28.9795, 17.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 165, 103) }
```

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

```
.background{ background-color: rgb(64, 165,  
103) }
```

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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