

Converting Colors

XYZ(17.3874, 27.6954, 16.1283)

Have a look what the booklet for
XYZ(17.3874, 27.6954, 16.1283)
contains.

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Color

**XYZ(17.3809, 27.6195,
16.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	44A163
RGB	68, 161, 99
RGB Percent	27%, 63%, 39%
CMY	0.7333, 0.3686, 0.6118
CMYK	0.58, 0.00, 0.39, 0.37
HSL	140°, 41%, 45%
HSV	140°, 58%, 63%
XYZ	17.3809, 27.6195, 16.2194
YIQ	126.1250, -35.5260, -38.9980

Conversions

Conversions Part 2

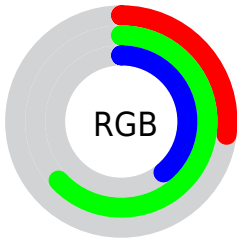
Format	Color
RYB	68, 138, 161
Decimal	4497763
CIELab	59.54, -41.82, 24.23
CIELCh	60, 48.328, 149.913
Yxy	27.6195, 0.2839, 0.4512
Android (android.graphics.Color)	4282687843 (0xFF44A163)
YUV	126.1250, -13.3726, -50.9756
Hunter-Lab	52.5543, -32.9359, 18.4898

Details

The XYZ color **17.3809, 27.6195, 16.2194** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.7952, 13.3236, 22.5958**, and the grayscale version is **19.9271, 20.9648, 22.8307**.

A 20% lighter version of the original color is **38.6301, 56.1128, 37.6490**, and **5.9601, 10.9641, 4.9341** is the 20% darker color. If you saturate the color by 10%, you get **15.9291, 26.9272, 13.6488**, and if you desaturate by 10%, it is **19.2108, 28.5003, 19.1650**.

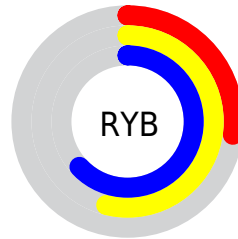
Distribution



Red (27%)

Green (63%)

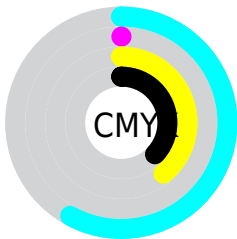
Blue (39%)



Red (27%)

Yellow (54%)

Blue (63%)

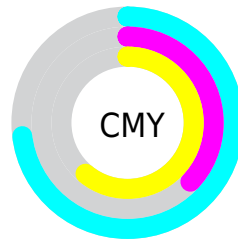


Cyan (58%)

Magenta (0%)

Yellow (39%)

Black (37%)



Cyan (73%)


Magenta (37%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3809, 27.6195, 16.2194 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 17.3809, 27.6195, 16.2194 by changing the saturation by 10% instead.


 17.3809, 27.6195,
16.2194


 17.3809, 27.6195,
16.2194


230.4716,
290.6442, 242.5226


 10.6034, 18.0390,
9.5235


 38.5179, 55.8764,
37.7508


 5.8662, 10.9780,
4.9827


 53.6082, 75.3216,
53.4233


 2.8037, 6.0521,
2.1786

 72.2001, 98.8238,
72.9251

 1.0508, 2.8768,
0.6620

 94.6590, 126.7675,
96.6748

 0.0000, 1.0677,
0.0000

 121.3502,
159.5369, 125.0908

 0.0000, 0.0000,
0.0000

152.6392,

197.5166, 158.5918

188.8912,
241.0909, 197.5962

■ 17.3809, 27.6195,
16.2194

■ 17.3809, 27.6195,
16.2194

■ 15.9291, 26.9272,
13.6488

■ 19.2108, 28.5003,
19.1650

■ 14.8245, 26.4056,
11.4360

■ 21.4420, 29.5791,
22.4981

■ 14.0350, 26.0392,
9.5653

■ 24.0986, 30.8687,
26.2329

■ 13.5059, 25.8002,
8.0181

■ 27.2019, 32.3799,
30.3823

■ 13.4034, 25.7540,
7.7137

■ 30.7719, 34.1227,
34.9587

■ 34.8271, 36.1064,
39.9738

■ 39.3854, 38.3401,
45.4390

■ 44.4634, 40.8319,
51.3652

■ 50.0770, 43.5901,
57.7630

Harmonies

Analogous

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



20.8433, 27.6195, 9.3886



17.3809, 27.6195, 16.2194



16.2118, 27.6195, 30.0224

Triad

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



17.3809, 27.6195, 16.2194



26.2339, 27.6195, 77.5056



37.7423, 27.6195, 16.2775

Complementary

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



17.3809, 27.6195, 16.2194



20.7952, 13.3236, 22.5958

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.



39.7608, 27.6195, 30.1235



17.3809, 27.6195, 16.2194



32.5226, 27.6195, 69.4212

Square

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



17.3809, 27.6195, 16.2194



20.8171, 27.6195, 69.3330



37.7198, 27.6195, 50.1695



32.5579, 27.6195, 9.4119

Rectangle

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



17.3809, 27.6195, 16.2194



16.7240, 27.6195, 42.9764



37.7198, 27.6195, 50.1695



38.8462, 27.6195, 20.0514

Sweetspot

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



17.3816, 27.6206, 16.2200



48.9806, 58.1172, 54.7579



23.2347, 30.7776, 10.1852



10.5014, 12.6286, 11.6936



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.



17.3816, 27.6206, 16.2200



27.9689, 47.9580, 23.3799



20.1598, 28.7319, 30.8499



7.0784, 7.9322, 8.0247



10.7218, 20.5751, 6.2515



0.2465, 0.4408, 0.2430

Inverse Universe

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



20.7952, 13.3236, 22.5958



34.6365, 19.9035, 35.7380



18.4075, 12.3685, 10.0224



7.2635, 7.1618, 8.3738



13.8919, 6.9128, 11.8871



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 17.3809, 27.6195, 16.2194 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 17.3809, 27.6195, 16.2194 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 17.3809, 27.6195, 16.2194

Background



This preview shows how black text looks on a background with the XYZ color 17.3809, 27.6195, 16.2194.



This preview shows how white text looks on a background with the XYZ color 17.3809, 27.6195,

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

17.3809, 27.6195, 16.2194

Protanopia

25.1223, 27.0873, 14.0295

Deuteranopia

27.6439, 27.2361, 17.1647



Tritanopia

22.1132, 27.5253, 39.7447

Trichromacy



Original Color

17.3809, 27.6195, 16.2194



Protanomaly

20.9814, 26.5321, 14.8418



Deuteranomaly

22.2428, 26.4426, 16.7636



Tritanomaly

20.0045, 27.4055, 29.4347

Monochromacy



Original Color

17.3809, 27.6195, 16.2194



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

18.2107, 22.7294, 19.9504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3809, 27.6195, 16.2194 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(68, 161, 99)` looks like.

```
.text, #text, p{  
    color:rgb(68, 161, 99)  
}
```

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(68, 161, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 161, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.3809, 27.6195, 16.2194 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(68, 161, 99) }
```


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

```
.border{ border-color:rgb(68, 161, 99) }
```

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

Here you see how a box with a 4 pixel rgb(68, 161, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 161, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 161, 99);  
box-shadow:4px 4px 4px 4px rgb(68, 161,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3809, 27.6195, 16.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 161, 99) }
```

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

```
.background{ background-color: rgb(68, 161,  
99) }
```

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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