

Converting Colors

XYZ(17.8723, 26.5426, 18.8085)

Have a look what the booklet for
XYZ(17.8723, 26.5426, 18.8085)
contains.

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Color

**XYZ(17.9274, 26.5650,
18.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9C6E
RGB	79, 156, 110
RGB Percent	31%, 61%, 43%
CMY	0.6902, 0.3882, 0.5686
CMYK	0.49, 0.00, 0.29, 0.39
HSL	144°, 33%, 46%
HSV	144°, 49%, 61%
XYZ	17.9274, 26.5650, 18.9345
YIQ	127.7330, -31.1260, -30.6300

Conversions

Conversions Part 2

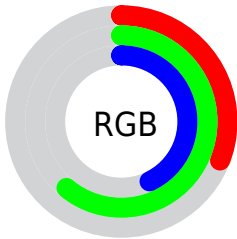
Format	Color
RYB	79, 134, 156
Decimal	5217390
CIELab	58.57, -34.67, 16.93
CIElCh	59, 38.589, 153.970
Yxy	26.5650, 0.2826, 0.4188
Android (android.graphics.Color)	4283407470 (0xFF4F9C6E)
YUV	127.7330, -8.7424, -42.7388
Hunter-Lab	51.5412, -28.1102, 14.2977

Details

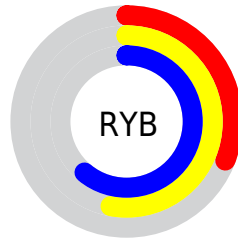
The XYZ color **17.9274, 26.5650, 18.9345** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.2089, 14.1412, 21.0675**, and the grayscale version is **20.4629, 21.5286, 23.4447**.

A 20% lighter version of the original color is **39.4887, 54.1837, 42.5596**, and **6.1291, 10.4079, 6.2433** is the 20% darker color. If you saturate the color by 10%, you get **16.2980, 25.7813, 16.3476**, and if you desaturate by 10%, it is **19.9161, 27.5292, 21.8181**.

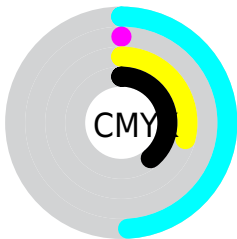
Distribution



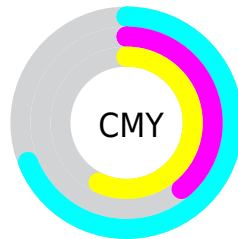
- Red (31%)
- Green (61%)
- Blue (43%)



- Red (31%)
- Yellow (53%)
- Blue (61%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)



- Cyan (69%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9274, 26.5650, 18.9345 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 17.9274, 26.5650, 18.9345 by changing the saturation by 10% instead.

■ 17.9274, 26.5650,
18.9345

■ 17.9274, 26.5650,
18.9345

233.5150,
285.5447, 258.4976

■ 10.9972, 17.2468,
11.4466

■ 39.4446, 54.1850,
42.4586

■ 6.1323, 10.4106,
6.2502

■ 54.7624, 73.2557,
59.3319

■ 2.9671, 5.6720,
2.9265

■ 73.6068, 96.3459,
80.1708

■ 1.1364, 2.6467,
1.0572

■ 96.3431, 123.8401,
105.3938

■ 0.0552, 0.9502,
0.0000

■ 123.3368,
156.1227, 135.4194

■ 0.0000, 0.0000,
0.0000

154.9531,

193.5781, 170.6662

191.5574,
236.5906, 211.5528

■ 17.9274, 26.5650,
18.9345

■ 17.9274, 26.5650,
18.9345

■ 16.2980, 25.7813,
16.3476

■ 19.9161, 27.5292,
21.8181

■ 15.0025, 25.1631,
14.0458

■ 22.2832, 28.6814,
25.0056

■ 14.0155, 24.6981,
12.0195


■ 25.0487, 30.0324,
28.5065


■ 13.3065, 24.3708,
10.2578


■ 28.2306, 31.5914,
32.3292

■ 12.8100, 24.1478,
8.7476


■ 31.8459, 33.3670,
36.4818

 12.7807, 24.1346,
8.6589

 35.9106, 35.3673,
40.9719

 40.4397, 37.5998,
45.8073

 45.4477, 40.0718,
50.9950

 50.9483, 42.7904,
56.5423

Harmonies

Analogous

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



20.5010, 26.5650, 12.2554



17.9274, 26.5650, 18.9345



17.2201, 26.5650, 30.7657

Triad

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



17.9274, 26.5650, 18.9345



25.8841, 26.5650, 63.4637



33.5672, 26.5650, 16.6761

Complementary

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



17.9274, 26.5650, 18.9345



20.2089, 14.1412, 21.0675

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.



35.4516, 26.5650, 27.1588



17.9274, 26.5650, 18.9345



30.6792, 26.5650, 56.3475

Square

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



17.9274, 26.5650, 18.9345



21.4649, 26.5650, 59.2072



34.3342, 26.5650, 41.9260



29.4541, 26.5650, 11.2660

Rectangle

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



17.9274, 26.5650, 18.9345



17.8177, 26.5650, 40.8484



34.3342, 26.5650, 41.9260



34.5041, 26.5650, 19.5815

Sweetspot

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



17.9281, 26.5661, 18.9351



47.7481, 55.6489, 54.5227



21.7873, 28.7177, 11.7922



10.2651, 12.1269, 11.7043



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.9281, 26.5661, 18.9351



29.3883, 46.7225, 29.3335



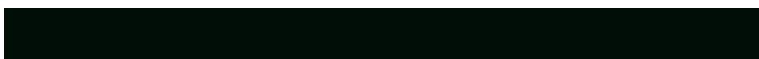
20.4829, 27.5880, 32.3883



6.6559, 7.4431, 7.6224



10.5433, 19.8852, 7.2178



0.2088, 0.3637, 0.2361

Inverse Universe

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



20.2089, 14.1412, 21.0675



34.0065, 21.5072, 33.6097



18.2151, 13.3437, 10.5686



6.7910, 6.7093, 7.7505



12.9452, 6.4826, 9.2281



0.2520, 0.1241, 0.2732

Previews

White Background



This preview shows how the XYZ color 17.9274, 26.5650, 18.9345 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 17.9274, 26.5650, 18.9345 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 17.9274, 26.5650, 18.9345

Background



This preview shows how black text looks on a background with the XYZ color 17.9274, 26.5650, 18.9345.



This preview shows how white text looks on a background with the XYZ color 17.9274, 26.5650,

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

17.9274, 26.5650, 18.9345

Protanopia

24.4039, 26.2195, 16.6066

Deuteranopia

26.6588, 26.2471, 19.8808



Tritanopia

21.5941, 26.3434, 37.6649

Trichromacy



Original Color

17.9274, 26.5650, 18.9345

Protanomaly

21.1926, 25.8835, 17.5147

Deuteranomaly

22.3188, 25.7427, 19.4153

Tritanomaly

20.0412, 26.4357, 29.6375

Monochromacy



Original Color

17.9274, 26.5650, 18.9345

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.9701, 22.8724, 21.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9274, 26.5650, 18.9345 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(79, 156, 110)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 110)  
}
```

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(79, 156, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.9274, 26.5650, 18.9345 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(79, 156, 110) }
```


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

```
.border{ border-color:rgb(79, 156, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 156, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 110);  
box-shadow:4px 4px 4px 4px rgb(79, 156,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9274, 26.5650, 18.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 110) }
```

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

```
.background{ background-color: rgb(79, 156,  
110) }
```

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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