

Converting Colors

XYZ(17.8226, 25.7258, 16.8035)

Have a look what the booklet for
XYZ(17.8226, 25.7258, 16.8035)
contains.

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Color

**XYZ(17.8639, 25.8364,
16.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	589967
RGB	88, 153, 103
RGB Percent	35%, 60%, 40%
CMY	0.6549, 0.4000, 0.5961
CMYK	0.42, 0.00, 0.33, 0.40
HSL	134°, 27%, 47%
HSV	134°, 42%, 60%
XYZ	17.8639, 25.8364, 16.8774
YIQ	127.8650, -22.6900, -29.3300

Conversions

Conversions Part 2

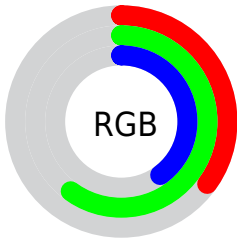
Format	Color
RYB	88, 141, 153
Decimal	5806439
CIELab	57.88, -32.05, 19.95
CIElCh	58, 37.749, 148.102
Yxy	25.8364, 0.2949, 0.4265
Android (android.graphics.Color)	4283996519 (0xFF589967)
YUV	127.8650, -12.2584, -34.9616
Hunter-Lab	50.8295, -26.2183, 15.8941

Details

The XYZ color **17.8639, 25.8364, 16.8774** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2148, 15.5872, 25.9361**, and the grayscale version is **20.5183, 21.5869, 23.5081**.

A 20% lighter version of the original color is **39.3731, 53.1076, 38.7475**, and **6.0708, 9.9583, 5.2166** is the 20% darker color. If you saturate the color by 10%, you get **16.0151, 24.9476, 13.9214**, and if you desaturate by 10%, it is **20.1012, 26.9174, 20.2868**.

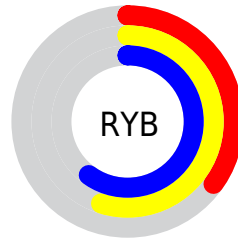
Distribution



Red (35%)

Green (60%)

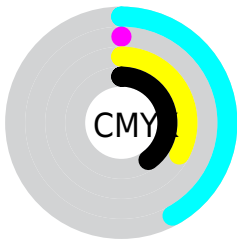
Blue (40%)



Red (35%)

Yellow (55%)

Blue (60%)

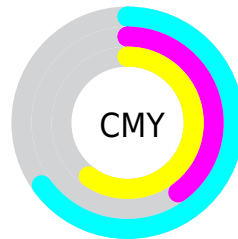


Cyan (42%)

Magenta (0%)

Yellow (33%)

Black (40%)



Cyan (65%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8639, 25.8364, 16.8774 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 17.8639, 25.8364, 16.8774 by changing the saturation by 10% instead.

■ 17.8639, 25.8364,
16.8774

■ 17.8639, 25.8364,
16.8774

233.1632,
281.9781, 246.4849

■ 10.9514, 16.7013,
9.9861

■ 39.3372, 53.0109,
38.9026

■ 6.1012, 10.0217,
5.2842

■ 54.6287, 71.8191,
54.8736

■ 2.9480, 5.4134,
2.3533

■ 73.4439, 94.6204,
74.7082

■ 1.1263, 2.4918,
0.7609

■ 96.1482, 121.7993,
98.8250

■ 0.0470, 0.8725,
0.0000

123.1069,
153.7401, 127.6426

■ 0.0000, 0.0000,
0.0000

154.6854,

190.8272, 161.5794

191.2491,
233.4451, 201.0539

■ 17.8639, 25.8364,
16.8774

■ 17.8639, 25.8364,
16.8774

■ 16.0151, 24.9476,
13.9214

■ 20.1012, 26.9174,
20.2868

■ 14.5302, 24.2364,
11.3981

■ 22.7458, 28.1976,
24.1659

■ 13.3847, 23.6914,
9.2874


■ 25.8175, 29.6877,
28.5321


■ 12.5504, 23.2985,
7.5672


■ 29.3345, 31.3966,
33.4017


■ 11.9940, 23.0410,
6.2134


■ 33.3136, 33.3327,
38.7900

 11.6997, 22.9066,
5.4190

 37.7710, 35.5042,
44.7117

 42.7219, 37.9184,
51.1810

 48.1811, 40.5827,
58.2114

 54.1624, 43.5041,
65.8162

Harmonies

Analogous

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



20.6687, 25.8364, 11.3346



17.8639, 25.8364, 16.8774



16.8220, 25.8364, 27.3111

Triad

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



17.8639, 25.8364, 16.8774



24.2686, 25.8364, 61.2616



33.0935, 25.8364, 17.9189

Complementary

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



17.8639, 25.8364, 16.8774



21.2148, 15.5872, 25.9361

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.



34.3594, 25.8364, 28.9681



17.8639, 25.8364, 16.8774



28.9041, 25.8364, 56.4623

Square

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



17.8639, 25.8364, 16.8774



20.2253, 25.8364, 55.1543



32.7418, 25.8364, 43.5244



29.4662, 25.8364, 11.7926

Rectangle

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



17.8639, 25.8364, 16.8774



17.1564, 25.8364, 36.6395



32.7418, 25.8364, 43.5244



33.8275, 25.8364, 21.0544

Sweetspot

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



17.8646, 25.8375, 16.8780



45.7812, 52.9451, 50.4597



23.7872, 28.9700, 13.5708



9.8484, 11.5643, 10.7750



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.8646, 25.8375, 16.8780



28.8227, 44.7449, 25.1650



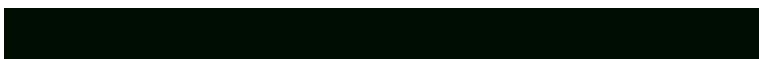
19.7604, 26.5958, 26.8610



6.1877, 6.9478, 6.9117



9.6804, 18.9356, 4.5374



0.1569, 0.2879, 0.1318

Inverse Universe

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



21.2148, 15.5872, 25.9361



35.6302, 23.8777, 43.5415



19.2505, 14.8015, 15.5923



6.4002, 6.2992, 7.4876



13.5580, 6.6774, 14.7293



0.2161, 0.1052, 0.2905

Previews

White Background



This preview shows how the XYZ color 17.8639, 25.8364, 16.8774 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 17.8639, 25.8364, 16.8774 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 17.8639, 25.8364, 16.8774

Background



This preview shows how black text looks on a background with the XYZ color 17.8639, 25.8364, 16.8774.



This preview shows how white text looks on a background with the XYZ color 17.8639, 25.8364,

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

17.8639, 25.8364, 16.8774

Protanopia

23.6406, 25.4296, 14.9717

Deuteranopia

25.9417, 25.5180, 17.4681



Tritanopia

21.7060, 25.7357, 36.1712

Trichromacy



Original Color

17.8639, 25.8364, 16.8774

Protanomaly

20.8270, 25.0578, 15.5433

Deuteranomaly

21.9713, 24.9477, 17.2930

Tritanomaly

20.1588, 25.8167, 27.9654

Monochromacy



Original Color

17.8639, 25.8364, 16.8774

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.0855, 22.7339, 20.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8639, 25.8364, 16.8774 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(88, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(88, 153, 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(88, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 153, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.8639, 25.8364, 16.8774 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(88, 153, 103) }
```


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

```
.border{ border-color:rgb(88, 153, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 153, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(88, 153,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8639, 25.8364, 16.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 153, 103) }
```

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

```
.background{ background-color: rgb(88, 153,  
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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