

Converting Colors

XYZ(17.4136, 26.7782, 8.6659)

Have a look what the booklet for
XYZ(17.4136, 26.7782, 8.6659)
contains.

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Color

**XYZ(17.4135, 26.7780,
8.6658)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9D3D
RGB	93, 157, 61
RGB Percent	36%, 62%, 24%
CMY	0.6353, 0.3843, 0.7608
CMYK	0.41, 0.00, 0.61, 0.38
HSL	100°, 44%, 43%
HSV	100°, 61%, 62%
XYZ	17.4135, 26.7780, 8.6658
YIQ	126.9200, -7.3280, -43.4240

Conversions

Conversions Part 2

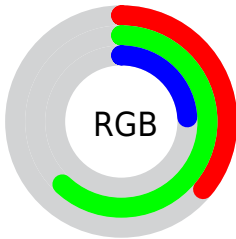
Format	Color
RYB	61, 157, 125
Decimal	6135101
CIELab	58.77, -38.30, 42.88
CIElCh	59, 57.494, 131.769
Yxy	26.7780, 0.3294, 0.5066
Android (android.graphics.Color)	4284325181 (0xFF5D9D3D)
YUV	126.9200, -32.4986, -29.7478
Hunter-Lab	51.7475, -30.4912, 26.2943

Details

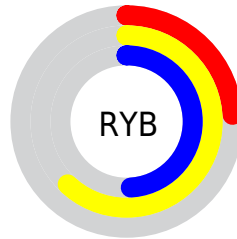
The XYZ color **17.4135, 26.7780, 8.6658** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.2133, 10.1327, 33.0010**, and the grayscale version is **20.2558, 21.3107, 23.2074**.

A 20% lighter version of the original color is **38.5007, 54.4599, 23.8118**, and **5.8783, 10.5262, 1.8655** is the 20% darker color. If you saturate the color by 10%, you get **16.0632, 26.1247, 6.7092**, and if you desaturate by 10%, it is **19.0339, 27.5580, 11.2824**.

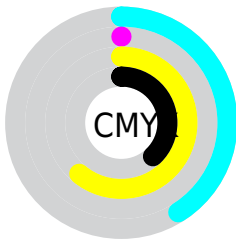
Distribution



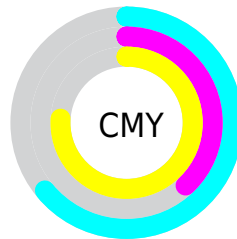
- Red (36%)
- Green (62%)
- Blue (24%)



- Red (24%)
- Yellow (62%)
- Blue (49%)



- Cyan (41%)
- Magenta (0%)
- Yellow (61%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4135, 26.7780, 8.6658 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 17.4135, 26.7780, 8.6658 by changing the saturation by 10% instead.

■ 17.4135, 26.7780,
8.6658

■ 17.4135, 26.7780,
8.6658

230.6542,
286.5806, 190.9902

■ 10.6269, 17.4066,
4.4300

■ 38.5733, 54.5274,
23.8211

■ 5.8820, 10.5248,
1.8641

■ 53.6773, 73.6742,
35.5776

■ 2.8134, 5.7483,
0.4697

■ 72.2843, 96.8482,
50.6782

■ 1.0559, 2.6926,
0.0000

■ 94.7599, 124.4339,
69.5413

■ 0.0000, 0.9734,
0.0000

■ 121.4693,
156.8155, 92.5856

■ 0.0000, 0.0000,
0.0000

■ 152.7779,

194.3776, 120.2294

189.0511,
237.5045, 152.8914

■ 17.4135, 26.7780,
8.6658

■ 17.4135, 26.7780,
8.6658

■ 16.0632, 26.1247,
6.7092

■ 19.0339, 27.5580,
11.2824

■ 14.9642, 25.5870,
5.3519

■ 20.9380, 28.4679,
14.6093

■ 14.0976, 25.1577,
4.5249

■ 23.1403, 29.5151,
18.6938

■ 13.4907, 24.8539,
4.0862

■ 25.6540, 30.7054,
23.5786

■ 28.4912, 32.0443,
29.3034

■ 31.6636, 33.5369,
35.9051

■ 35.1821, 35.1881,
43.4185

■ 39.0570, 37.0025,
51.8763

■ 43.2985, 38.9846,
61.3099

Harmonies

Analogous

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



22.7733, 26.7780, 5.2135



17.4135, 26.7780, 8.6658



14.5822, 26.7780, 18.5755

Triad

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



17.4135, 26.7780, 8.6658



21.4235, 26.7780, 84.1225



41.2517, 26.7780, 21.9017

Complementary

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



17.4135, 26.7780, 8.6658



16.2133, 10.1327, 33.0010

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.



40.7057, 26.7780, 43.1439



17.4135, 26.7780, 8.6658



28.3323, 26.7780, 86.4506

Square

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



17.4135, 26.7780, 8.6658



16.5839, 26.7780, 63.6282



35.6465, 26.7780, 69.0052



37.0231, 26.7780, 10.1259

Rectangle

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



17.4135, 26.7780, 8.6658



14.1199, 26.7780, 30.3774



35.6465, 26.7780, 69.0052



41.6390, 26.7780, 27.9692

Sweetspot

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



17.4141, 26.7791, 8.6664



47.3044, 55.6318, 44.9399



22.0816, 22.1734, 7.5314



10.1173, 12.1036, 9.3074



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.



17.4141, 26.7791, 8.6664



28.0767, 46.4484, 11.1101



15.3218, 25.6431, 11.1638



6.7487, 7.5031, 7.0782



10.9924, 20.2035, 3.3203



0.2389, 0.3831, 0.0614

Inverse Universe

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



16.2133, 10.1327, 33.0010



25.6649, 14.0054, 58.4774



20.3821, 12.4294, 26.5254



6.6892, 6.6437, 8.3365



9.6833, 4.4209, 26.2502



0.2161, 0.1012, 0.4714

Previews

White Background



This preview shows how the XYZ color 17.4135, 26.7780, 8.6658 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 17.4135, 26.7780, 8.6658 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 17.4135, 26.7780, 8.6658

Background



This preview shows how black text looks on a background with the XYZ color 17.4135, 26.7780, 8.6658.



This preview shows how white text looks on a background with the XYZ color 17.4135, 26.7780,

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

17.4135, 26.7780, 8.6658

Protanopia

24.1433, 26.5034, 7.5846

Deuteranopia

26.8021, 26.3518, 9.1426



Tritanopia

22.9984, 26.6219, 36.7273

Trichromacy



Original Color

17.4135, 26.7780, 8.6658

Protanomaly

21.0290, 26.2413, 7.9597

Deuteranomaly

22.1287, 25.6569, 8.7870

Tritanomaly

20.2353, 26.4468, 22.7771

Monochromacy



Original Color

17.4135, 26.7780, 8.6658

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.6069, 22.8011, 16.2523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4135, 26.7780, 8.6658 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(93, 157, 61)` looks like.

```
.text, #text, p{  
    color:rgb(93, 157, 61)  
}
```

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(93, 157, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 157, 61) }
```

Border

The CSS property to change the border of an element to XYZ 17.4135, 26.7780, 8.6658 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(93, 157, 61) }
```


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

```
.border{ border-color:rgb(93, 157, 61) }
```

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

Here you see how a box with a 4 pixel rgb(93, 157, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 157, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 157, 61);  
box-shadow:4px 4px 4px 4px rgb(93, 157,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4135, 26.7780, 8.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 157, 61) }
```

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

```
.background{ background-color: rgb(93, 157,  
61) }
```

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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