

Converting Colors

XYZ(17.1084, 26.5622, 13.7797)

Have a look what the booklet for
XYZ(17.1084, 26.5622, 13.7797)
contains.

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Color

**XYZ(17.0846, 26.4975,
13.6653)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9D59
RGB	79, 157, 89
RGB Percent	31%, 62%, 35%
CMY	0.6902, 0.3843, 0.6510
CMYK	0.50, 0.00, 0.43, 0.38
HSL	128°, 33%, 46%
HSV	128°, 50%, 62%
XYZ	17.0846, 26.4975, 13.6653
YIQ	125.9260, -24.6600, -37.6840

Conversions

Conversions Part 2

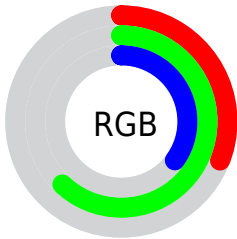
Format	Color
RYB	79, 148, 157
Decimal	5217625
CIELab	58.51, -38.97, 28.32
CIElCh	59, 48.175, 143.988
Yxy	26.4975, 0.2984, 0.4629
Android (android.graphics.Color)	4283407705 (0xFF4F9D59)
YUV	125.9260, -18.2045, -41.1541
Hunter-Lab	51.4757, -30.8390, 20.2932

Details

The XYZ color **17.0846, 26.4975, 13.6653** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.9679, 14.8671, 29.3163**, and the grayscale version is **19.8725, 20.9074, 22.7682**.

A 20% lighter version of the original color is **37.9500, 53.9670, 33.2274**, and **5.7580, 10.4190, 3.8981** is the 20% darker color. If you saturate the color by 10%, you get **15.4074, 25.6940, 10.8606**, and if you desaturate by 10%, it is **19.1784, 27.5050, 17.0485**.

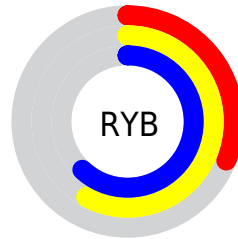
Distribution



Red (31%)

Green (62%)

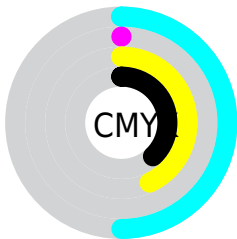
Blue (35%)



Red (31%)

Yellow (58%)

Blue (62%)

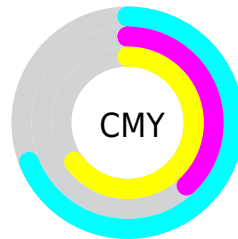


Cyan (50%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0846, 26.4975, 13.6653 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 17.0846, 26.4975, 13.6653 by changing the saturation by 10% instead.

■ 17.0846, 26.4975,
13.6653

■ 17.0846, 26.4975,
13.6653

228.8062,
285.2158, 226.4941

■ 10.3905, 17.1962,
7.7522

■ 38.0136, 54.0765,
33.2025

■ 5.7229, 10.3745,
3.8513

■ 52.9792, 73.1229,
47.6636

■ 2.7164, 5.6479,
1.5441

■ 71.4328, 96.1865,
65.8112

■ 1.0056, 2.6322,
0.2505

■ 93.7395, 123.6517,
88.0637

■ 0.0000, 0.9429,
0.0000

■ 120.2649,
155.9028, 114.8397

■ 0.0000, 0.0000,
0.0000

151.3742,

193.3242, 146.5578

187.4329,
236.3005, 183.6364

■ 17.0846, 26.4975,
13.6653

■ 17.0846, 26.4975,
13.6653

■ 15.4074, 25.6940,
10.8606

■ 19.1784, 27.5050,
17.0485

■ 14.1170, 25.0774,
8.6004

■ 21.7123, 28.7255,
21.0383

■ 13.1823, 24.6334,
6.8498


■ 24.7102, 30.1718,
25.6629


■ 12.5670, 24.3439,
5.5691


■ 28.1939, 31.8543,
30.9484


■ 12.1951, 24.1708,
4.7112


■ 32.1836, 33.7831,
36.9193

 12.1849, 24.1660,
4.6902

 36.6986, 35.9674,
43.5990

 41.7569, 38.4163,
51.0096

 47.3758, 41.1381,
59.1724

 53.5720, 44.1410,
68.1078

Harmonies

Analogous

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



20.8526, 26.4975, 8.1958



17.0846, 26.4975, 13.6653



15.5114, 26.4975, 25.5833

Triad

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



17.0846, 26.4975, 13.6653



24.0165, 26.4975, 74.6685



37.0241, 26.4975, 17.5648

Complementary

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



17.0846, 26.4975, 13.6653



21.9679, 14.8671, 29.3163

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.



38.2218, 26.4975, 32.3864



17.0846, 26.4975, 13.6653



30.0795, 26.4975, 69.8289

Square

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



17.0846, 26.4975, 13.6653



19.0917, 26.4975, 63.8778



35.5104, 26.4975, 52.4535



32.4540, 26.4975, 9.7545

Rectangle

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



17.0846, 26.4975, 13.6653



15.7104, 26.4975, 37.4300



35.5104, 26.4975, 52.4535



37.8615, 26.4975, 21.6950

Sweetspot

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



17.0853, 26.4986, 13.6659



46.8831, 55.3029, 49.9677



25.6640, 30.9664, 12.0217



10.0549, 12.0428, 10.5974



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.



17.0853, 26.4986, 13.6659



27.2093, 45.8302, 18.7933



19.1194, 27.3123, 24.3777



6.5837, 7.4142, 7.2421



9.9042, 19.6296, 3.8525



0.1858, 0.3545, 0.1150

Inverse Universe

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



21.9679, 14.8671, 29.3163



36.9992, 22.4559, 50.1345



19.4563, 13.8625, 16.0905



6.8675, 6.7399, 8.1536



14.9623, 7.2895, 19.8502



0.2768, 0.1340, 0.4036

Previews

White Background



This preview shows how the XYZ color 17.0846, 26.4975, 13.6653 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 17.0846, 26.4975, 13.6653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

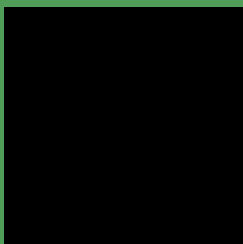
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0846, 26.4975, 13.6653

Background



This preview shows how black text looks on a background with the XYZ color 17.0846, 26.4975, 13.6653.



This preview shows how white text looks on a background with the XYZ color 17.0846, 26.4975,

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

17.0846, 26.4975, 13.6653

Protanopia

24.0763, 26.1530, 11.9627

Deuteranopia

26.4818, 26.0738, 14.2267



Tritanopia

21.8998, 26.5010, 37.6792

Trichromacy



Original Color

17.0846, 26.4975, 13.6653

Protanomaly

20.5228, 25.6493, 12.4635

Deuteranomaly

21.5964, 25.2696, 13.8645

Tritanomaly

19.7212, 26.3296, 26.9644

Monochromacy



Original Color

17.0846, 26.4975, 13.6653

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.2330, 22.3348, 18.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0846, 26.4975, 13.6653 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, 157, 89)` looks like.

```
.text, #text, p{  
    color:rgb(79, 157, 89)  
}
```

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, 157, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 157, 89) }
```

Border

The CSS property to change the border of an element to XYZ 17.0846, 26.4975, 13.6653 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, 157, 89) }
```


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

```
.border{ border-color:rgb(79, 157, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 157, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 157, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 157, 89);  
box-shadow:4px 4px 4px 4px rgb(79, 157,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0846, 26.4975, 13.6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 157, 89) }
```

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

```
.background{ background-color: rgb(79, 157,  
89) }
```

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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