

Converting Colors

XYZ(16.9025, 17.2846, 26.4902)

Have a look what the booklet for
XYZ(16.9025, 17.2846, 26.4902)
contains.

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Color

**XYZ(16.9025, 17.2846,
26.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	6C738A
RGB	108, 115, 138
RGB Percent	42%, 45%, 54%
CMY	0.5765, 0.5490, 0.4588
CMYK	0.22, 0.17, 0.00, 0.46
HSL	226°, 12%, 48%
HSV	226°, 22%, 54%
XYZ	16.9025, 17.2846, 26.4902
YIQ	115.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

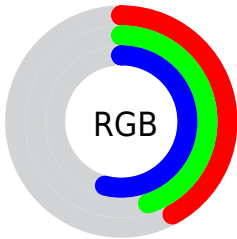
Format	Color
R_{YB}	108, 114, 138
Decimal	7107466
CIE _{Lab}	48.62, 2.65, -13.45
CIE _{LCh}	49, 13.706, 281.162
Yxy	17.2846, 0.2786, 0.2849
Android (android.graphics.Color)	4285297546 (0xFF6C738A)
YUV	115.5290, 11.0782, -6.6029
Hunter-Lab	41.5748, -0.1854, -8.6755

Details

The XYZ color **16.9025, 17.2846, 26.4902** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.3044, 22.7185, 17.4499**, and the grayscale version is **16.4267, 17.2822, 18.8203**.

A 20% lighter version of the original color is **37.7199, 38.8726, 54.8053**, and **5.6321, 5.6795, 10.0319** is the 20% darker color. If you saturate the color by 10%, you get **14.2173, 14.2114, 26.0388**, and if you desaturate by 10%, it is **19.9930, 20.7731, 27.0010**.

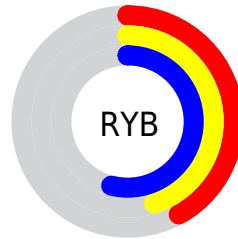
Distribution



Red (42%)

Green (45%)

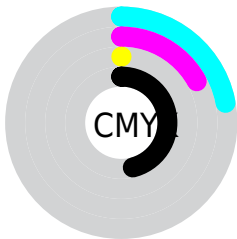
Blue (54%)



Red (42%)

Yellow (45%)

Blue (54%)

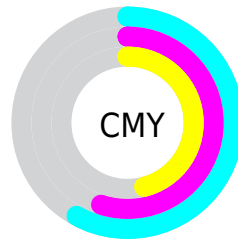


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9025, 17.2846, 26.4902 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 16.9025, 17.2846, 26.4902 by changing the saturation by 10% instead.

■ 16.9025, 17.2846,
26.4902

■ 16.9025, 17.2846,
26.4902

227.7771,
236.8071, 298.8619

■ 10.2599, 10.4376,
16.9617

■ 37.7030, 38.8145,
55.0585

■ 5.6352, 5.6901,
10.0455

■ 52.5916, 54.2661,
74.9353

■ 2.6631, 2.6575,
5.3231

■ 70.9595, 73.3548,
99.0986

■ 0.9782, 0.9557,
2.3760

■ 93.1722, 96.4649,
127.9670

■ 0.0000, 0.0000,
0.7734

119.5949,
123.9807, 161.9590

■ 0.0000, 0.0000,
0.0000

150.5931,

156.2868, 201.4931

186.5320,
193.7675, 246.9879

■ 16.9025, 17.2846,
26.4902

■ 16.9025, 17.2846,
26.4902

■ 14.2173, 14.2114,
26.0388

■ 19.9930, 20.7731,
27.0010

■ 11.9186, 11.5357,
25.6435

■ 23.5031, 24.6897,
27.5719

■ 9.9885, 9.2413,
25.3024

■ 27.4488, 29.0493,
28.2054

■ 8.4072, 7.3103,
25.0130

■ 31.8443, 33.8652,
28.9034

■ 7.1526, 5.7231,
24.7728

■ 36.7034, 39.1505,
29.6674

■ 6.2003, 4.4582,
24.5788

■ 42.0394, 44.9174,
30.4993

■ 5.5220, 3.4911,
24.4279

■ 47.8648, 51.1778,
31.4006

■ 5.1096, 2.8792,
24.3315

■ 54.1917, 57.9433,
32.3731

■ 61.0320, 65.2250,
33.4180

Harmonies

Analogous

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



15.6578, 17.2846, 26.1891



16.9025, 17.2846, 26.4902



18.0771, 17.2846, 24.5486

Triad

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



16.9025, 17.2846, 26.4902



18.3229, 17.2846, 14.6084



14.2383, 17.2846, 16.6651

Complementary

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



16.9025, 17.2846, 26.4902



21.3044, 22.7185, 17.4499

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.



14.8833, 17.2846, 14.0601



16.9025, 17.2846, 26.4902



17.2241, 17.2846, 12.9818

Square

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



16.9025, 17.2846, 26.4902



18.9247, 17.2846, 17.5071



15.9634, 17.2846, 12.7948



14.1621, 17.2846, 20.1969

Rectangle

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



16.9025, 17.2846, 26.4902



18.6460, 17.2846, 22.3730



15.9634, 17.2846, 12.7948



14.3942, 17.2846, 15.6646

Sweetspot

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



16.9030, 17.2853, 26.4906



37.9864, 39.6886, 48.0417



19.3361, 22.9906, 24.7143



8.4559, 8.8302, 10.7651



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.9030, 17.2853, 26.4906



27.4267, 27.7686, 46.2975



17.0865, 16.2393, 26.2790



4.8633, 5.0695, 6.3280



4.6946, 2.6596, 22.3116



0.0409, 0.0370, 0.1514

Inverse Universe

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



18.9387, 17.3666, 18.5744



31.6905, 28.0320, 29.6958



21.0784, 24.0455, 17.7180



5.0776, 5.0665, 5.4972



9.8564, 5.0527, 1.7484



0.0704, 0.0355, 0.0373

Previews

White Background



This preview shows how the XYZ color 16.9025, 17.2846, 26.4902 looks on a white 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

Black Background



This preview shows how the XYZ color 16.9025, 17.2846, 26.4902 looks on a black 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

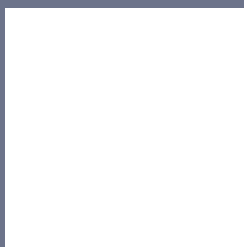
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9025, 17.2846, 26.4902

Background



This preview shows how black text looks on a background with the XYZ color 16.9025, 17.2846, 26.4902.

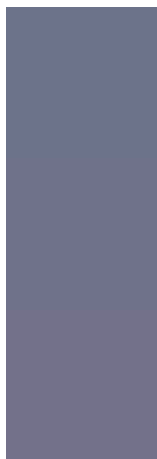


This preview shows how white text looks on a background with the XYZ color 16.9025, 17.2846,

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

16.9025, 17.2846, 26.4902

Protanopia

17.1603, 17.2491, 26.4697

Deuteranopia

17.5628, 17.2901, 26.4564



Tritanopia

16.0710, 17.2931, 22.2295

Trichromacy



Original Color

16.9025, 17.2846, 26.4902

Protanomaly

17.0352, 17.1846, 26.4639

Deuteranomaly

17.2869, 17.3144, 26.4756

Tritanomaly

16.3381, 17.2283, 23.5834

Monochromacy



Original Color

16.9025, 17.2846, 26.4902

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6935, 17.4567, 21.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9025, 17.2846, 26.4902 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(108, 115, 138)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 138)  
}
```

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(108, 115, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 138) }
```

Border

The CSS property to change the border of an element to XYZ 16.9025, 17.2846, 26.4902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

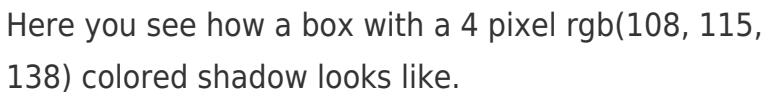
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 115, 138) }
```


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

```
.border{ border-color:rgb(108, 115, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 115, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 115, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 115, 138); box-shadow:4px 4px 4px 4px rgb(108, 115, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9025, 17.2846, 26.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 138) }
```

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

```
.background{ background-color: rgb(108,  
115, 138) }
```

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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