

Converting Colors

XYZ(17.4577, 17.7961, 16.1742)

Have a look what the booklet for
XYZ(17.4577, 17.7961, 16.1742)
contains.

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Color

**XYZ(17.4846, 17.8141,
16.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	7F736A
RGB	127, 115, 106
RGB Percent	50%, 45%, 42%
CMY	0.5020, 0.5490, 0.5843
CMYK	0.00, 0.09, 0.17, 0.50
HSL	26°, 9%, 46%
HSV	26°, 17%, 50%
XYZ	17.4846, 17.8141, 16.1526
YIQ	117.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

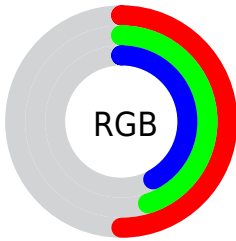
Format	Color
R_{YB}	127, 122, 106
Decimal	8352618
CIE Lab	49.27, 3.03, 6.66
CIE LCh	49, 7.316, 65.542
Yxy	17.8141, 0.3398, 0.3462
Android (android.graphics.Color)	4286542698 (0xFF7F736A)
YUV	117.5620, -5.7001, 8.2771
Hunter-Lab	42.2068, 0.0837, 6.8543

Details

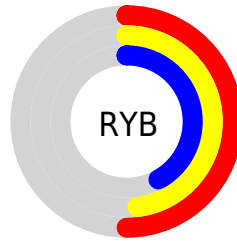
The XYZ color **17.4846, 17.8141, 16.1526** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2529, 17.5528, 22.6101**, and the grayscale version is **17.0985, 17.9889, 19.5900**.

A 20% lighter version of the original color is **38.7269, 39.7751, 37.5345**, and **5.9385, 5.9498, 4.9731** is the 20% darker color. If you saturate the color by 10%, you get **16.0776, 15.9797, 12.6630**, and if you desaturate by 10%, it is **19.0556, 19.8195, 20.1799**.

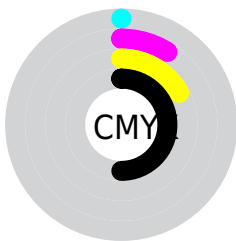
Distribution



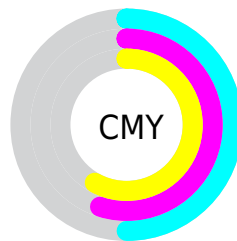
- Red (50%)
- Green (45%)
- Blue (42%)



- Red (50%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4846, 17.8141, 16.1526 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 17.4846, 17.8141, 16.1526 by changing the saturation by 10% instead.

■ 17.4846, 17.8141,
16.1526

■ 17.4846, 17.8141,
16.1526

231.0519,
239.8211, 242.1169

■ 10.6780, 10.8166,
9.4767

■ 38.6941, 39.7203,
37.6334

■ 5.9165, 5.9436,
4.9524

■ 53.8278, 55.3978,
53.2753

■ 2.8345, 2.8108,
2.1611

■ 72.4679, 74.7374,
72.7431

■ 1.0669, 1.0338,
0.6518

■ 94.9797, 98.1235,
96.4551

■ 0.0000, 0.0000,
0.0000

121.7287,
125.9406, 124.8299

153.0801,

158.5729, 158.2861

189.3994,
196.4050, 197.2423

■ 17.4846, 17.8141,
16.1526

■ 17.4846, 17.8141,
16.1526

■ 16.0776, 15.9797,
12.6630

■ 19.0556, 19.8195,
20.1799

■ 14.8272, 14.3093,
9.6868

■ 20.7945, 21.9979,
24.7655

■ 13.7280, 12.7986,
7.1998

■ 22.7071, 24.3546,
29.9301

■ 12.7731, 11.4425,
5.1751

■ 24.7983, 26.8937,
35.6932

■ 11.9556, 10.2354,
3.5833

■ 27.0728, 29.6190,
42.0733

■ 11.2675, 9.1714,
2.3914

■ 29.5351, 32.5347,
49.0881

■ 10.6999, 8.2440,
1.5618

■ 32.1898, 35.6443,
56.7545

■ 10.2377, 7.4440,
1.0236

■ 35.0410, 38.9515,
65.0889

■ 10.0924, 7.1921,
0.8563

■ 38.0929, 42.4599,
74.1072

Harmonies

Analogous

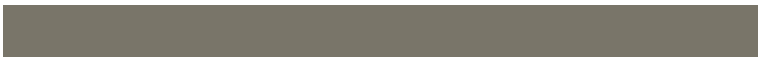
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.0295, 17.8141, 17.2794



17.4846, 17.8141, 16.1526



16.8045, 17.8141, 15.8694

Triad

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



17.4846, 17.8141, 16.1526



15.6507, 17.8141, 19.7642



17.7113, 17.8141, 22.6406

Complementary

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



17.4846, 17.8141, 16.1526



16.2529, 17.5528, 22.6101

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.



17.0597, 17.8141, 23.4110



17.4846, 17.8141, 16.1526



15.8795, 17.8141, 21.6799

Square

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



17.4846, 17.8141, 16.1526



15.7576, 17.8141, 17.8720



16.3907, 17.8141, 23.0481



18.1629, 17.8141, 21.0054

Rectangle

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



17.4846, 17.8141, 16.1526



16.3686, 17.8141, 16.1794



16.3907, 17.8141, 23.0481



17.5077, 17.8141, 23.0141

Sweetspot

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



17.4851, 17.8149, 16.1530



34.5465, 36.0253, 37.2385



17.1914, 16.1343, 19.4258



8.0468, 8.3821, 8.6102



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.4851, 17.8149, 16.1530



30.2840, 30.5713, 26.3504



18.7193, 20.2833, 16.5644



4.4676, 4.6238, 4.5771



10.1772, 7.2507, 0.8631



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2529, 17.5528, 22.6101



27.6233, 30.0050, 40.2919



15.1111, 15.2692, 22.2295



4.2968, 4.5875, 5.4723



6.2355, 6.2894, 21.1353



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4846, 17.8141, 16.1526 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 17.4846, 17.8141, 16.1526 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 17.4846, 17.8141, 16.1526

Background



This preview shows how black text looks on a background with the XYZ color 17.4846, 17.8141, 16.1526.



This preview shows how white text looks on a background with the XYZ color 17.4846, 17.8141,

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

17.4846, 17.8141, 16.1526

Protanopia

17.0412, 17.9217, 16.4710

Deuteranopia

18.0224, 17.7564, 16.1131



Tritanopia

18.4712, 17.8825, 20.8905

Trichromacy



Original Color

17.4846, 17.8141, 16.1526

Protanomaly

17.2114, 17.8374, 16.4457

Deuteranomaly

17.8248, 17.8211, 16.1360

Tritanomaly

18.0718, 17.8848, 19.0226

Monochromacy



Original Color

17.4846, 17.8141, 16.1526

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2837, 18.0024, 18.4835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4846, 17.8141, 16.1526 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(127, 115, 106)` looks like.

```
.text, #text, p{  
    color:rgb(127, 115, 106)  
}
```

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(127, 115, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 115, 106) }
```

Border

The CSS property to change the border of an element to XYZ 17.4846, 17.8141, 16.1526 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(127, 115, 106) }
```


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

```
.border{ border-color:rgb(127, 115, 106) }
```

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

Here you see how a box with a 4 pixel rgb(127, 115, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 115, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 115, 106);  
box-shadow:4px 4px 4px 4px rgb(127, 115,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4846, 17.8141, 16.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 115, 106) }
```

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

```
.background{ background-color: rgb(127,  
115, 106) }
```

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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