

Converting Colors

XYZ(17.4560, 17.7657, 15.7528)

Have a look what the booklet for
XYZ(17.4560, 17.7657, 15.7528)
contains.

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Color

**XYZ(17.5826, 17.8706,
15.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	807369
RGB	128, 115, 105
RGB Percent	50%, 45%, 41%
CMY	0.4980, 0.5490, 0.5882
CMYK	0.00, 0.10, 0.18, 0.50
HSL	26°, 10%, 46%
HSV	26°, 18%, 50%
XYZ	17.5826, 17.8706, 15.8873
YIQ	117.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

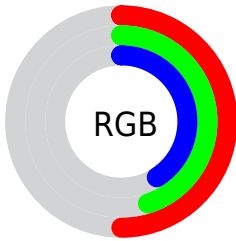
Format	Color
RYB	128, 123, 105
Decimal	8418153
CIELab	49.34, 3.26, 7.36
CIElCh	49, 8.052, 66.099
Yxy	17.8706, 0.3425, 0.3481
Android (android.graphics.Color)	4286608233 (0xFF807369)
YUV	117.7470, -6.2843, 8.9919
Hunter-Lab	42.2736, 0.2635, 7.3091

Details

The XYZ color **17.5826, 17.8706, 15.8873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2003, 17.5182, 22.9496**, and the grayscale version is **17.1578, 18.0513, 19.6579**.

A 20% lighter version of the original color is **38.8755, 39.8615, 37.0976**, and **5.9953, 5.9821, 4.8417** is the 20% darker color. If you saturate the color by 10%, you get **16.1810, 16.0422, 12.4150**, and if you desaturate by 10%, it is **19.1489, 19.8697, 19.9036**.

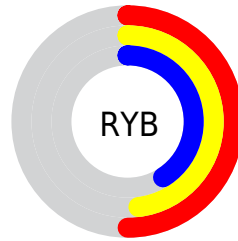
Distribution



Red (50%)

Green (45%)

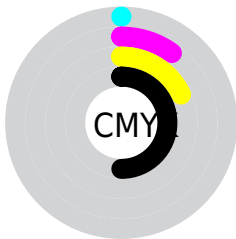
Blue (41%)



Red (50%)

Yellow (48%)

Blue (41%)

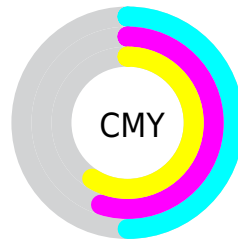


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5826, 17.8706, 15.8873 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 17.5826, 17.8706, 15.8873 by changing the saturation by 10% instead.

■ 17.5826, 17.8706,
15.8873

■ 17.5826, 17.8706,
15.8873

231.5991,
240.1407, 240.4987

■ 10.7486, 10.8571,
9.2909

■ 38.8605, 39.8167,
37.1665

■ 5.9641, 5.9708,
4.8320

■ 54.0351, 55.5181,
52.6864

■ 2.8637, 2.8274,
2.0920

■ 72.7206, 74.8843,
72.0180

■ 1.0821, 1.0423,
0.6110

■ 95.2823, 98.2997,
95.5797

■ 0.0101, 0.0000,
0.0000

122.0857,
126.1486, 123.7901

■ 0.0000, 0.0000,
0.0000

153.4960,

158.8155, 157.0677

189.8787,
196.6847, 195.8310

■ 17.5826, 17.8706,
15.8873

■ 17.5826, 17.8706,
15.8873

■ 16.1810, 16.0422,
12.4150

■ 19.1489, 19.8697,
19.9036

■ 14.9369, 14.3773,
9.4617

■ 20.8841, 22.0417,
24.4850

■ 13.8444, 12.8718,
7.0025

■ 22.7940, 24.3916,
29.6529

■ 12.8967, 11.5205,
5.0095

■ 24.8835, 26.9235,
35.4271

■ 12.0866, 10.3178,
3.4524

■ 27.1575, 29.6416,
41.8267

■ 11.4060, 9.2577,
2.2970

■ 29.6207, 32.5497,
48.8698

■ 10.8456, 8.3336,
1.5040

■ 32.2775, 35.6516,
56.5738

■ 10.3863, 7.5348,
0.9816

■ 35.1322, 38.9508,
64.9555

■ 10.3002, 7.3855,
0.8827

■ 38.1890, 42.4510,
74.0310

Harmonies

Analogous

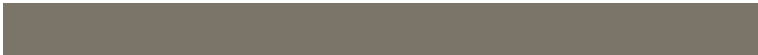
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.1900, 17.8706, 17.1018



17.5826, 17.8706, 15.8873



16.8312, 17.8706, 15.5972

Triad

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



17.5826, 17.8706, 15.8873



15.5776, 17.8706, 19.9047



17.8584, 17.8706, 23.0278

Complementary

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



17.5826, 17.8706, 15.8873



16.2003, 17.5182, 22.9496

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.



17.1407, 17.8706, 23.9087



17.5826, 17.8706, 15.8873



15.8353, 17.8706, 22.0213

Square

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



17.5826, 17.8706, 15.8873



15.6880, 17.8706, 17.8160



16.4020, 17.8706, 23.5273



18.3525, 17.8706, 21.1980

Rectangle

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



17.5826, 17.8706, 15.8873



16.3526, 17.8706, 15.9465



16.4020, 17.8706, 23.5273



17.6345, 17.8706, 23.4507

Sweetspot

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



17.5831, 17.8714, 15.8877



34.5554, 36.0432, 37.2415



17.2258, 16.0014, 19.3308



8.0491, 8.3868, 8.6110



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.



17.5831, 17.8714, 15.8877



29.8023, 29.9674, 25.0819



18.9726, 20.6505, 16.3509



4.4696, 4.6280, 4.5778



10.2147, 7.3259, 0.8757



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2003, 17.5182, 22.9496



26.8456, 29.2115, 40.1797



14.9314, 14.9804, 22.5266



4.2947, 4.5833, 5.4716



6.1840, 6.1865, 21.1181



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5826, 17.8706, 15.8873 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 17.5826, 17.8706, 15.8873 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 17.5826, 17.8706, 15.8873

Background



This preview shows how black text looks on a background with the XYZ color 17.5826, 17.8706, 15.8873.



This preview shows how white text looks on a background with the XYZ color 17.5826, 17.8706,

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

17.5826, 17.8706, 15.8873

Protanopia

16.9888, 17.9008, 16.1955

Deuteranopia

18.1278, 17.8167, 15.8481



Tritanopia

18.5622, 17.9366, 20.5729

Trichromacy



Original Color

17.5826, 17.8706, 15.8873

Protanomaly

17.1591, 17.8165, 16.1702

Deuteranomaly

17.9272, 17.8798, 15.8709

Tritanomaly

18.1651, 17.9396, 18.7249

Monochromacy



Original Color

17.5826, 17.8706, 15.8873

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3680, 18.0524, 18.1919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5826, 17.8706, 15.8873 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(128, 115, 105)` looks like.

```
.text, #text, p{  
    color:rgb(128, 115, 105)  
}
```

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(128, 115, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 115, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.5826, 17.8706, 15.8873 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(128, 115, 105) }
```


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

```
.border{ border-color:rgb(128, 115, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 115, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(128, 115,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5826, 17.8706, 15.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 115, 105) }
```

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

```
.background{ background-color: rgb(128,  
115, 105) }
```

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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