

Converting Colors

XYZ(18.1477, 17.5928, 20.4800)

Have a look what the booklet for
XYZ(18.1477, 17.5928, 20.4800)
contains.

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Color

**XYZ(18.1474, 17.5580,
20.5217)**

Conversions

Conversions Part 1

Format	Color
Hex	807079
RGB	128, 112, 121
RGB Percent	50%, 44%, 47%
CMY	0.4980, 0.5608, 0.5255
CMYK	0.00, 0.12, 0.05, 0.50
HSL	326°, 7%, 47%
HSV	326°, 12%, 50%
XYZ	18.1474, 17.5580, 20.5217
YIQ	117.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

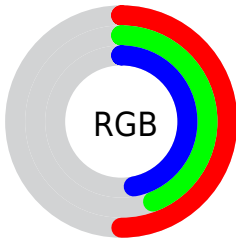
Format	Color
R_{YB}	128, 112, 121
Decimal	8417401
CIE Lab	48.96, 7.93, -2.68
CIE LCh	49, 8.372, 341.351
Yxy	17.5580, 0.3228, 0.3123
Android (android.graphics.Color)	4286607481 (0xFF807079)
YUV	117.8100, 1.5727, 8.9366
Hunter-Lab	41.9023, 3.9774, 0.2942

Details

The XYZ color **18.1474, 17.5580, 20.5217** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7317, 20.2154, 20.4211**, and the grayscale version is **17.1547, 18.0480, 19.6543**.

A 20% lighter version of the original color is **39.8743, 39.3918, 45.0369**, and **6.2604, 5.8101, 7.0948** is the 20% darker color. If you saturate the color by 10%, you get **16.5008, 14.7985, 18.3273**, and if you desaturate by 10%, it is **20.0157, 20.7286, 22.8888**.

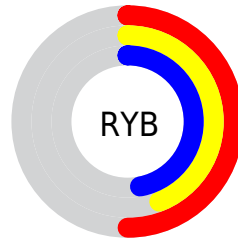
Distribution



Red (50%)

Green (44%)

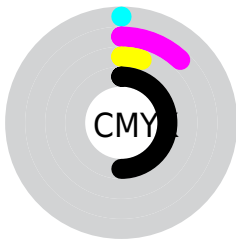
Blue (47%)



Red (50%)

Yellow (44%)

Blue (47%)

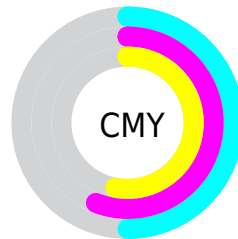


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1474, 17.5580, 20.5217 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 18.1474, 17.5580, 20.5217 by changing the saturation by 10% instead.

■ 18.1474, 17.5580,
20.5217

■ 18.1474, 17.5580,
20.5217

234.7301,
238.3678, 267.4226

■ 11.1562, 10.6331,
12.5870

■ 39.8164, 39.2827,
45.1605

■ 6.2401, 5.8207,
7.0174

■ 55.2250, 54.8513,
62.7018

■ 3.0336, 2.7364,
3.3944

■ 74.1700, 74.0700,
84.2823

■ 1.1716, 0.9957,
1.2994

■ 97.0169, 97.3231,
110.3206

■ 0.0837, 0.0000,
0.0613

124.1310,
124.9950, 141.2352

■ 0.0000, 0.0000,
0.0000

155.8777,

157.4702, 177.4447

192.6223,
195.1330, 219.3677

■ 18.1474, 17.5580,
20.5217

■ 18.1474, 17.5580,
20.5217

■ 16.5008, 14.7985,
18.3273

■ 20.0157, 20.7286,
22.8888

■ 15.0658, 12.4308,
16.2999

■ 22.1125, 24.3240,
25.4320

■ 13.8333, 10.4375,
14.4352

■ 24.4462, 28.3601,
28.1556

■ 12.7933, 8.7989,
12.7279

■ 27.0240, 32.8513,
31.0638

■ 11.9349, 7.4936,
11.1726

■ 29.8533, 37.8113,
34.1605

■ 11.2457, 6.4979,
9.7635

■ 32.9408, 43.2532,
37.4493

■ 10.7120, 5.7847,
8.4939

■ 36.2929, 49.1897,
40.9339

■ 10.3177, 5.3222,
7.3565

■ 39.9162, 55.6329,
44.6179

■ 10.0716, 5.0570,
6.5750

■ 43.8165, 62.5946,
48.5046

Harmonies

Analogous

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



17.6971, 17.5580, 22.5202



18.1474, 17.5580, 20.5217



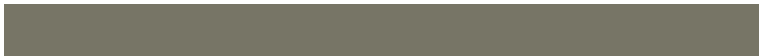
18.1996, 17.5580, 18.2861

Triad

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



18.1474, 17.5580, 20.5217



16.3954, 17.5580, 15.2146



15.5896, 17.5580, 22.0925

Complementary

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



18.1474, 17.5580, 20.5217



17.7317, 20.2154, 20.4211

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.



15.2632, 17.5580, 19.9741



18.1474, 17.5580, 20.5217



15.7187, 17.5580, 16.0764

Square

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



18.1474, 17.5580, 20.5217



17.1717, 17.5580, 15.3362



15.3097, 17.5580, 17.7792



16.2142, 17.5580, 23.4746

Rectangle

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



18.1474, 17.5580, 20.5217



17.9998, 17.5580, 16.9726



15.3097, 17.5580, 17.7792



15.4422, 17.5580, 21.4363

Sweetspot

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



18.1479, 17.5588, 20.5221



34.6896, 35.5565, 39.6142



17.2897, 17.0649, 22.8048



8.0688, 8.2346, 9.2086



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.



18.1479, 17.5588, 20.5221



31.0874, 29.4588, 35.0013



17.6812, 17.3721, 18.0646



4.4211, 4.3816, 5.0220



9.9874, 5.0146, 6.5232



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.1479, 17.5588, 20.5221



31.0874, 29.4588, 35.0013



18.2282, 20.4140, 23.0357



4.4211, 4.3816, 5.0220



9.9874, 5.0146, 6.5232



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.1474, 17.5580, 20.5217 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 18.1474, 17.5580, 20.5217 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 18.1474, 17.5580, 20.5217

Background



This preview shows how black text looks on a background with the XYZ color 18.1474, 17.5580, 20.5217.



This preview shows how white text looks on a background with the XYZ color 18.1474, 17.5580,

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

18.1474, 17.5580, 20.5217

Protanopia

17.0230, 17.6338, 21.2454

Deuteranopia

17.9605, 17.6264, 20.5448



Tritanopia

18.1474, 17.5580, 20.5217

Trichromacy



Original Color

18.1474, 17.5580, 20.5217

Protanomaly

17.3893, 17.6597, 20.9045

Deuteranomaly

18.1087, 17.7028, 20.5517

Tritanomaly

18.1474, 17.5580, 20.5217

Monochromacy



Original Color

18.1474, 17.5580, 20.5217

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6012, 17.9603, 19.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1474, 17.5580, 20.5217 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, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 112, 121)  
}
```

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, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 112, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.1474, 17.5580, 20.5217 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, 112, 121) }
```


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

```
.border{ border-color:rgb(128, 112, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 112,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1474, 17.5580, 20.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 112, 121) }
```

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

```
.background{ background-color: rgb(128,  
112, 121) }
```

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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