

Converting Colors

XYZ(18.3539, 17.8273, 20.6657)

Have a look what the booklet for
XYZ(18.3539, 17.8273, 20.6657)
contains.

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Color

**XYZ(18.4096, 17.8579,
20.5658)**

Conversions

Conversions Part 1

Format	Color
Hex	817179
RGB	129, 113, 121
RGB Percent	51%, 44%, 47%
CMY	0.4941, 0.5568, 0.5255
CMYK	0.00, 0.12, 0.06, 0.49
HSL	330°, 7%, 47%
HSV	330°, 12%, 51%
XYZ	18.4096, 17.8579, 20.5658
YIQ	118.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

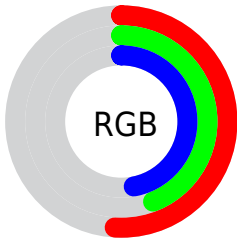
Format	Color
RYB	129, 113, 121
Decimal	8483193
CIELab	49.32, 7.73, -2.13
CIElCh	49, 8.014, 344.623
Yxy	17.8579, 0.3239, 0.3142
Android (android.graphics.Color)	4286673273 (0xFF817179)
YUV	118.6960, 1.1359, 9.0366
Hunter-Lab	42.2586, 3.8094, 0.7266

Details

The XYZ color **18.4096, 17.8579, 20.5658** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1122, 20.5922, 21.1103**, and the grayscale version is **17.4340, 18.3419, 19.9744**.

A 20% lighter version of the original color is **40.2894, 39.8725, 45.1078**, and **6.4012, 5.9671, 7.1177** is the 20% darker color. If you saturate the color by 10%, you get **16.6891, 15.0288, 18.1054**, and if you desaturate by 10%, it is **20.3622, 21.1083, 23.2345**.

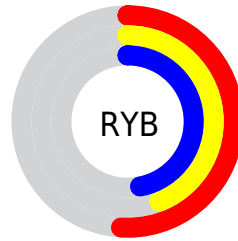
Distribution



Red (51%)

Green (44%)

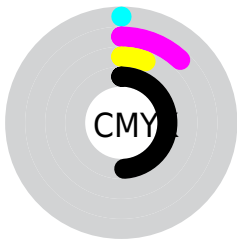
Blue (47%)



Red (51%)

Yellow (44%)

Blue (47%)

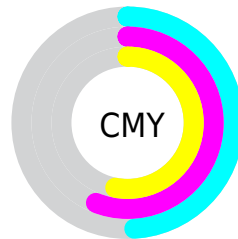


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4096, 17.8579, 20.5658 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 18.4096, 17.8579, 20.5658 by changing the saturation by 10% instead.

■ 18.4096, 17.8579,
20.5658

■ 18.4096, 17.8579,
20.5658

236.1709,
240.0689, 267.6667

■ 11.3459, 10.8480,
12.6188

■ 40.2587, 39.7950,
45.2351

■ 6.3690, 5.9647,
7.0390

■ 55.7748, 55.4911,
62.7946

■ 3.1135, 2.8236,
3.4077

■ 74.8391, 74.8513,
84.3953

■ 1.2141, 1.0404,
1.3064

■ 97.8170, 98.2601,
110.4559

■ 0.1174, 0.0000,
0.0670

125.0737,
126.1019, 141.3947

■ 0.0000, 0.0000,
0.0000

156.9747,

158.7610, 177.6305

193.8853,
196.6219, 219.5816

■ 18.4096, 17.8579,
20.5658

■ 18.4096, 17.8579,
20.5658

■ 16.6891, 15.0288,
18.1054

■ 20.3622, 21.1083,
23.2345

■ 15.1901, 12.6013,
15.8467

■ 22.5539, 24.7941,
26.1158

■ 13.9033, 10.5577,
13.7840

■ 24.9933, 28.9315,
29.2150

■ 12.8182, 8.8777,
11.9114

■ 27.6883, 33.5351,
32.5371

■ 11.9235, 7.5395,
10.2222

■ 30.6461, 38.6192,
36.0869

■ 11.2065, 6.5187,
8.7092

■ 33.8739, 44.1971,
39.8689

■ 10.6530, 5.7879,
7.3647

■ 37.3786, 50.2817,
43.8876

■ 10.2462, 5.3146,
6.1802

■ 41.1665, 56.8855,
48.1473

■ 9.9928, 5.0430,
5.3707

■ 45.2442, 64.0205,
52.6521

Harmonies

Analogous

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



18.0120, 17.8579, 22.5508



18.4096, 17.8579, 20.5658



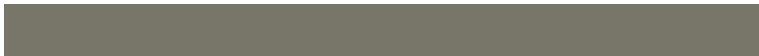
18.4148, 17.8579, 18.4150

Triad

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



18.4096, 17.8579, 20.5658



16.6101, 17.8579, 15.6980



15.9626, 17.8579, 22.5082

Complementary

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



18.4096, 17.8579, 20.5658



18.1122, 20.5922, 21.1103

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.



15.6092, 17.8579, 20.5111



18.4096, 17.8579, 20.5658



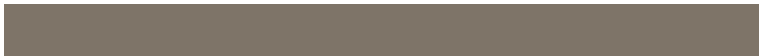
15.9755, 17.8579, 16.6369

Square

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



18.4096, 17.8579, 20.5658



17.3606, 17.8579, 15.7102



15.6139, 17.8579, 18.3642



16.5920, 17.8579, 23.7274

Rectangle

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



18.4096, 17.8579, 20.5658



18.1943, 17.8579, 17.1798



15.6139, 17.8579, 18.3642



15.8084, 17.8579, 21.8993

Sweetspot

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



18.4101, 17.8587, 20.5662



35.8422, 36.7607, 40.7720



17.7534, 17.4611, 23.2037



8.0588, 8.2305, 9.1557



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.



18.4101, 17.8587, 20.5662



32.0164, 30.4086, 35.4907



17.9397, 17.6705, 18.0890



4.4104, 4.3773, 4.9657



9.7451, 4.9177, 5.2475



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.4101, 17.8587, 20.5662



32.0164, 30.4086, 35.4907



18.6233, 20.7966, 23.8017



4.4104, 4.3773, 4.9657



9.7451, 4.9177, 5.2475



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4096, 17.8579, 20.5658 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 18.4096, 17.8579, 20.5658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

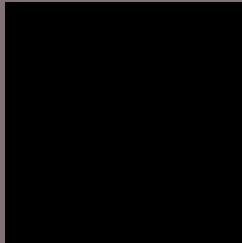
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4096, 17.8579, 20.5658

Background



This preview shows how black text looks on a background with the XYZ color 18.4096, 17.8579, 20.5658.



This preview shows how white text looks on a background with the XYZ color 18.4096, 17.8579,

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

18.4096, 17.8579, 20.5658

Protanopia

17.4077, 18.0042, 21.2966

Deuteranopia

18.2209, 17.9271, 20.5891



Tritanopia

18.4712, 17.8825, 20.8905

Trichromacy



Original Color

18.4096, 17.8579, 20.5658

Protanomaly

17.7843, 18.0335, 20.9558

Deuteranomaly

18.3706, 18.0043, 20.5961

Tritanomaly

18.4712, 17.8825, 20.8905

Monochromacy



Original Color

18.4096, 17.8579, 20.5658

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.9198, 18.2896, 20.3551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4096, 17.8579, 20.5658 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(129, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 113, 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(129, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 113, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.4096, 17.8579, 20.5658 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(129, 113, 121) }
```


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

```
.border{ border-color:rgb(129, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 113,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4096, 17.8579, 20.5658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 113, 121) }
```

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

```
.background{ background-color: rgb(129,  
113, 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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