

Converting Colors

XYZ(17.8756, 19.2452, 19.7580)

Have a look what the booklet for
XYZ(17.8756, 19.2452, 19.7580)
contains.

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Color

**XYZ(17.8373, 19.1490,
19.8955)**

Conversions

Conversions Part 1

Format	Color
Hex	777A76
RGB	119, 122, 118
RGB Percent	47%, 48%, 46%
CMY	0.5333, 0.5216, 0.5373
CMYK	0.02, 0.00, 0.03, 0.52
HSL	105°, 2%, 47%
HSV	105°, 3%, 48%
XYZ	17.8373, 19.1490, 19.8955
YIQ	120.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

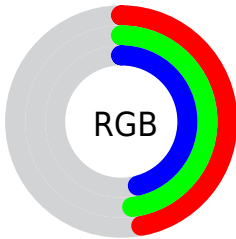
Format	Color
R_{YB}	118, 122, 121
Decimal	7830134
CIE Lab	50.86, -1.93, 1.79
CIE LCh	51, 2.630, 137.211
Yxy	19.1490, 0.3136, 0.3366
Android (android.graphics.Color)	4286020214 (0xFF777A76)
YUV	120.6470, -1.3050, -1.4444
Hunter-Lab	43.7596, -3.8190, 3.6752

Details

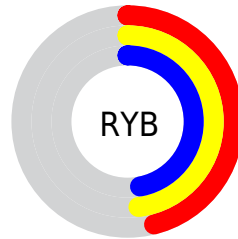
The XYZ color **17.8373, 19.1490, 19.8955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8771, 18.4274, 21.0279**, and the grayscale version is **18.0648, 19.0055, 20.6970**.

A 20% lighter version of the original color is **39.1863, 41.8323, 44.0393**, and **6.0866, 6.5469, 6.7372** is the 20% darker color. If you saturate the color by 10%, you get **15.9628, 18.2616, 16.2649**, and if you desaturate by 10%, it is **19.9277, 20.1379, 24.0266**.

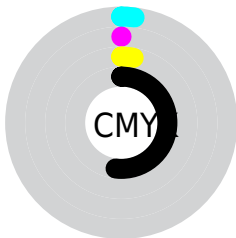
Distribution



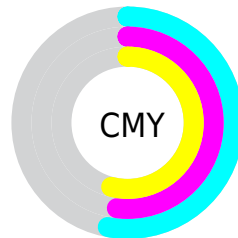
- Red (47%)
- Green (48%)
- Blue (46%)



- Red (46%)
- Yellow (48%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (53%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8373, 19.1490, 19.8955 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 17.8373, 19.1490, 19.8955 by changing the saturation by 10% instead.

■ 17.8373, 19.1490,
19.8955

■ 17.8373, 19.1490,
19.8955

233.0157,
247.2701, 263.9343

■ 10.9322, 11.7780,
12.1358

■ 39.2922, 41.9857,
44.0986

■ 6.0882, 6.5927,
6.7126

■ 54.5726, 58.2202,
61.3790

■ 2.9400, 3.2087,
3.2073

■ 73.3756, 78.1780,
82.6701

■ 1.1221, 1.2416,
1.2014

96.0665, 102.2435,
108.3904

■ 0.0435, 0.0953,
0.0000

123.0106,
130.8010, 138.9584

■ 0.0000, 0.0000,
0.0000

154.5733,

164.2351, 174.7927

191.1199,
202.9299, 216.3119

■ 17.8373, 19.1490,
19.8955

■ 17.8373, 19.1490,
19.8955

■ 15.9628, 18.2616,
16.2649

■ 19.9277, 20.1379,
24.0266

■ 14.2955, 17.4701,
13.1145

■ 22.2390, 21.2289,
28.6749

■ 12.8286, 16.7719,
10.4246

■ 24.7780, 22.4258,
33.8579

■ 11.5544, 16.1636,
8.1737

■ 27.5509, 23.7312,
39.5918

■ 10.4646, 15.6412,
6.3383

■ 30.5635, 25.1480,
45.8922

■ 9.5501, 15.2008,
4.8931

■ 33.8215, 26.6786,
52.7741

■ 8.8012, 14.8379,
3.8097

■ 37.3304, 28.3255,
60.2518

■ 8.2070, 14.5477,
3.0560

■ 41.0953, 30.0913,
68.3393

■ 7.7548, 14.3244,
2.5916

■ 45.1214, 31.9783,
77.0501

Harmonies

Analogous

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



18.0535, 19.1490, 19.5163



17.8373, 19.1490, 19.8955



17.7189, 19.1490, 20.5357

Triad

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



17.8373, 19.1490, 19.8955



18.0905, 19.1490, 22.2729



18.6807, 19.1490, 20.4306

Complementary

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



17.8373, 19.1490, 19.8955



17.8771, 18.4274, 21.0279

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.



18.6908, 19.1490, 21.1675



17.8373, 19.1490, 19.8955



18.3484, 19.1490, 22.2432

Square

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



17.8373, 19.1490, 19.8955



17.8641, 19.1490, 21.9150



18.5687, 19.1490, 21.8346



18.5412, 19.1490, 19.8201

Rectangle

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



17.8373, 19.1490, 19.8955



17.7106, 19.1490, 21.0297



18.5687, 19.1490, 21.8346



18.6994, 19.1490, 20.6714

Sweetspot

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



17.8378, 19.1498, 19.8959



32.1766, 34.0652, 36.5628



18.1342, 19.1211, 19.8748



7.3635, 7.7920, 8.3725



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.8378, 19.1498, 19.8959



31.0973, 33.5546, 34.4473



17.7611, 19.1033, 20.2044



4.2447, 4.5927, 4.6844



7.8992, 14.9494, 2.4692



37.0074, 70.9635, 11.7468

Inverse Universe

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



17.8771, 18.4274, 21.0279



31.1832, 31.9758, 36.9213



17.9563, 18.4754, 20.7096



4.2577, 4.3536, 5.0591



8.2864, 3.8445, 19.6906



38.7182, 17.9220, 93.8884

Previews

White Background



This preview shows how the XYZ color 17.8373, 19.1490, 19.8955 looks on a white background.

Color Contrast Check

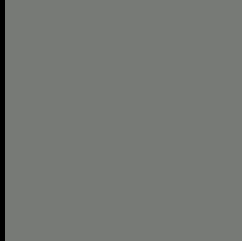
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.8373, 19.1490, 19.8955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

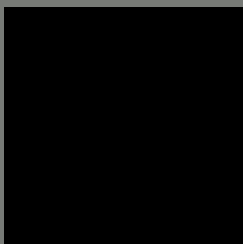
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

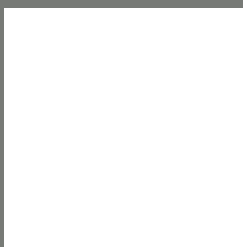
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8373, 19.1490, 19.8955

Background



This preview shows how black text looks on a background with the XYZ color 17.8373, 19.1490, 19.8955.



This preview shows how white text looks on a background with the XYZ color 17.8373, 19.1490,

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

17.8373, 19.1490, 19.8955

Protanopia

18.2395, 19.0024, 19.5361

Deuteranopia

19.3639, 19.0410, 20.1075



Tritanopia

18.6309, 19.1096, 23.8257

Trichromacy



Original Color

17.8373, 19.1490, 19.8955

Protanomaly

18.0743, 19.0967, 19.5630

Deuteranomaly

18.8287, 19.1148, 20.1499

Tritanomaly

18.3490, 19.1742, 22.4726

Monochromacy



Original Color

17.8373, 19.1490, 19.8955

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9733, 19.0239, 20.4940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8373, 19.1490, 19.8955 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(119, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 118)  
}
```

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(119, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.8373, 19.1490, 19.8955 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(119, 122, 118) }
```


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

```
.border{ border-color:rgb(119, 122, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 122,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8373, 19.1490, 19.8955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 118) }
```

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

```
.background{ background-color: rgb(119,  
122, 118) }
```

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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