

Converting Colors

XYZ(17.9928, 19.2802, 20.9515)

Have a look what the booklet for
XYZ(17.9928, 19.2802, 20.9515)
contains.

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Color

**XYZ(17.8819, 19.1511,
20.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	767A79
RGB	118, 122, 121
RGB Percent	46%, 48%, 47%
CMY	0.5373, 0.5216, 0.5255
CMYK	0.03, 0.00, 0.01, 0.52
HSL	165°, 2%, 47%
HSV	165°, 3%, 48%
XYZ	17.8819, 19.1511, 20.8432
YIQ	120.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

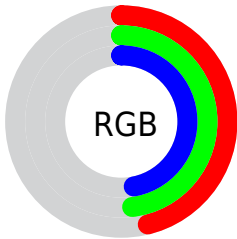
Format	Color
R_{YB}	118, 120, 122
Decimal	7764601
CIE Lab	50.86, -1.70, 0.02
CIE LCh	51, 1.702, 179.436
Yxy	19.1511, 0.3090, 0.3309
Android (android.graphics.Color)	4285954681 (0xFF767A79)
YUV	120.6900, 0.1528, -2.3591
Hunter-Lab	43.7620, -3.6453, 2.3944

Details

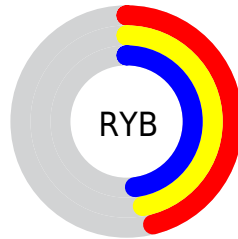
The XYZ color **17.8819, 19.1511, 20.8432** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8349, 18.4268, 20.0704**, and the grayscale version is **18.0744, 19.0157, 20.7081**.

A 20% lighter version of the original color is **39.2564, 41.8353, 45.5411**, and **6.1109, 6.5482, 7.2452** is the 20% darker color. If you saturate the color by 10%, you get **16.1469, 18.2785, 19.7998**, and if you desaturate by 10%, it is **19.8383, 20.1382, 21.9288**.

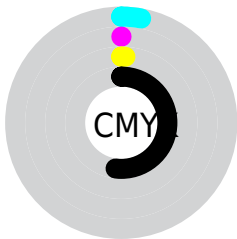
Distribution



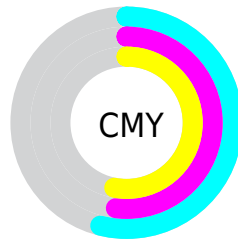
- Red (46%)
- Green (48%)
- Blue (47%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8819, 19.1511, 20.8432 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 17.8819, 19.1511, 20.8432 by changing the saturation by 10% instead.

■ 17.8819, 19.1511,
20.8432

■ 17.8819, 19.1511,
20.8432

233.2630,
247.2817, 269.1976

■ 10.9644, 11.7795,
12.8193

■ 39.3676, 41.9893,
45.7038

■ 6.1100, 6.5937,
7.1750

■ 54.6666, 58.2246,
63.3776

■ 2.9534, 3.2093,
3.4917

■ 73.4901, 78.1834,
85.1052

■ 1.1292, 1.2420,
1.3508

96.2035, 102.2499,
111.3050

■ 0.0493, 0.0956,
0.1029

123.1721,
130.8086, 142.3956

■ 0.0000, 0.0000,
0.0000

154.7613,

164.2439, 178.7955

191.3365,
202.9401, 220.9234

■ 17.8819, 19.1511,
20.8432

■ 17.8819, 19.1511,
20.8432

■ 16.1469, 18.2785,
19.7998

■ 19.8383, 20.1382,
21.9288

■ 14.6233, 17.5137,
18.7965

■ 22.0222, 21.2414,
23.0559

■ 13.3031, 16.8531,
17.8332

■ 24.4415, 22.4652,
24.2255

■ 12.1769, 16.2918,
16.9091

■ 27.1033, 23.8133,
25.4383

■ 11.2345, 15.8246,
16.0234

■ 30.0144, 25.2892,
26.6948

■ 10.4650, 15.4458,
15.1753

■ 33.1811, 26.8962,
27.9957

■ 9.8560, 15.1493,
14.3640

■ 36.6098, 28.6376,
29.3413

■ 9.3938, 14.9277,
13.5885

■ 40.3066, 30.5163,
30.7324

■ 9.0608, 14.7720,
12.8476

■ 44.2771, 32.5355,
32.1695

Harmonies

Analogous

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



17.9262, 19.1511, 20.3861



17.8819, 19.1511, 20.8432



17.9231, 19.1511, 21.3096

Triad

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



17.8819, 19.1511, 20.8432



18.3615, 19.1511, 21.6672



18.3671, 19.1511, 20.0669

Complementary

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



17.8819, 19.1511, 20.8432



17.8349, 18.4268, 20.0704

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.



18.4849, 19.1511, 20.4016



17.8819, 19.1511, 20.8432



18.4817, 19.1511, 21.3256

Square

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



17.8819, 19.1511, 20.8432



18.1994, 19.1511, 21.7898



18.5270, 19.1511, 20.8614



18.2057, 19.1511, 19.9421

Rectangle

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



17.8819, 19.1511, 20.8432



17.9936, 19.1511, 21.5620



18.5270, 19.1511, 20.8614



18.4131, 19.1511, 20.1583

Sweetspot

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



17.8824, 19.1519, 20.8436



32.2010, 34.0661, 37.0926



17.8470, 19.1546, 19.8963



7.3687, 7.7922, 8.4846



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.



17.8824, 19.1519, 20.8436



31.1955, 33.5595, 36.5157



17.8301, 18.9484, 21.1310



4.2596, 4.5935, 4.9975



9.3325, 15.4567, 13.0020



44.1628, 73.5882, 60.1549

Inverse Universe

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



17.8349, 18.4268, 20.0704



31.0917, 31.9749, 34.8260



17.8856, 18.6239, 19.7918



4.2439, 4.3535, 4.7416



8.7013, 4.4567, 1.7179



41.2113, 21.1408, 6.6426

Previews

White Background



This preview shows how the XYZ color 17.8819, 19.1511, 20.8432 looks on a white background.

Color Contrast Check

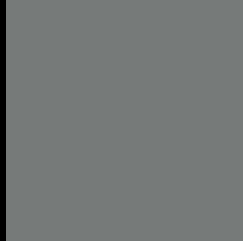
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8819, 19.1511, 20.8432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

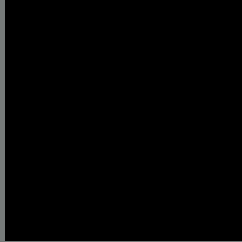
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

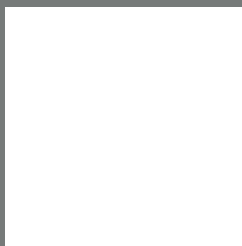
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.8819, 19.1511, 20.8432

Background



This preview shows how black text looks on a background with the XYZ color 17.8819, 19.1511, 20.8432.



This preview shows how white text looks on a background with the XYZ color 17.8819, 19.1511,

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

17.8819, 19.1511, 20.8432

Protanopia

18.2750, 19.0000, 20.4735

Deuteranopia

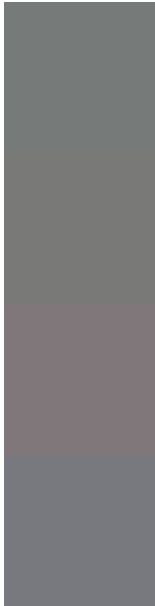
19.3899, 19.0333, 21.0642



Tritanopia

18.4744, 19.2084, 23.8530

Trichromacy



Original Color

17.8819, 19.1511, 20.8432

Protanomaly

18.1127, 19.0958, 20.5005

Deuteranomaly

18.8621, 19.1108, 21.1070

Tritanomaly

18.2759, 19.1290, 22.8077

Monochromacy



Original Color

17.8819, 19.1511, 20.8432

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0343, 19.0483, 20.8153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8819, 19.1511, 20.8432 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(118, 122, 121)` looks like.

```
.text, #text, p{  
    color:rgb(118, 122, 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(118, 122, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 122, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.8819, 19.1511, 20.8432 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(118, 122, 121) }
```


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

```
.border{ border-color:rgb(118, 122, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 122, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 122, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 122, 121);  
box-shadow:4px 4px 4px 4px rgb(118, 122,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8819, 19.1511, 20.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 122, 121) }
```

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

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