

Converting Colors

XYZ(17.5968, 19.3174, 20.6444)

Have a look what the booklet for
XYZ(17.5968, 19.3174, 20.6444)
contains.

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Color

**XYZ(17.6680, 19.4162,
20.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	737C78
RGB	115, 124, 120
RGB Percent	45%, 49%, 47%
CMY	0.5490, 0.5137, 0.5294
CMYK	0.07, 0.00, 0.03, 0.51
HSL	153°, 4%, 47%
HSV	153°, 7%, 49%
XYZ	17.6680, 19.4162, 20.5858
YIQ	120.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

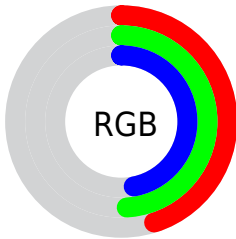
Format	Color
R_{YB}	115, 121, 124
Decimal	7568504
CIE Lab	51.17, -4.17, 1.02
CIE LCh	51, 4.297, 166.230
Yxy	19.4162, 0.3064, 0.3367
Android (android.graphics.Color)	4285758584 (0xFF737C78)
YUV	120.8530, -0.4205, -5.1331
Hunter-Lab	44.0638, -5.5396, 3.1455

Details

The XYZ color **17.6680, 19.4162, 20.5858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7733, 17.8789, 19.9678**, and the grayscale version is **18.1292, 19.0733, 20.7708**.

A 20% lighter version of the original color is **38.9081, 42.2447, 45.1331**, and **6.0005, 6.6933, 7.1066** is the 20% darker color. If you saturate the color by 10%, you get **15.8209, 18.5021, 18.8031**, and if you desaturate by 10%, it is **19.7548, 20.4528, 22.4811**.

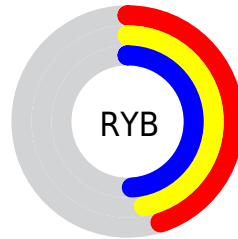
Distribution



Red (45%)

Green (49%)

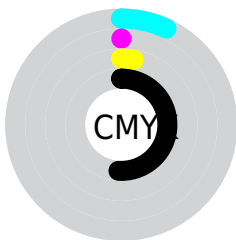
Blue (47%)



Red (45%)

Yellow (47%)

Blue (49%)

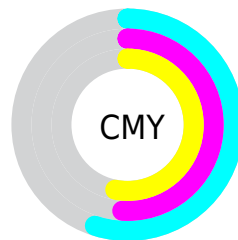


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6680, 19.4162, 20.5858 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 17.6680, 19.4162, 20.5858 by changing the saturation by 10% instead.

■ 17.6680, 19.4162,
20.5858

■ 17.6680, 19.4162,
20.5858

232.0750,
248.7369, 267.7773

■ 10.8101, 11.9714,
12.6333

■ 39.0053, 42.4362,
45.2690

■ 6.0057, 6.7242,
7.0488

■ 54.2155, 58.7802,
62.8367

■ 2.8892, 3.2902,
3.4137

■ 72.9405, 78.8594,
84.4466

■ 1.0954, 1.2851,
1.3096

■ 95.5456, 103.0581,
110.5172

■ 0.0213, 0.1296,
0.0696

122.3963,
131.7609, 141.4670

■ 0.0000, 0.0000,
0.0000

153.8578,

165.3520, 177.7146

190.2956,
204.2159, 219.6786

■ 17.6680, 19.4162,
20.5858

■ 17.6680, 19.4162,
20.5858

■ 15.8209, 18.5021,
18.8031

■ 19.7548, 20.4528,
22.4811

■ 14.2030, 17.7034,
17.1297

■ 22.0883, 21.6137,
24.4897

■ 12.8050, 17.0159,
15.5637

■ 24.6770, 22.9038,
26.6140

■ 11.6168, 16.4345,
14.1030

■ 27.5287, 24.3273,
28.8561

■ 10.6272, 15.9533,
12.7451

■ 30.6508, 25.8877,
31.2176

■ 9.8238, 15.5662,
11.4877

■ 34.0503, 27.5888,
33.7006

■ 9.1931, 15.2660,
10.3281

■ 37.7342, 29.4341,
36.3067

■ 8.7193, 15.0449,
9.2637

■ 41.7089, 31.4268,
39.0377

■ 8.3683, 14.8851,
8.2908

■ 45.9808, 33.5702,
41.8953

Harmonies

Analogous

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



17.8676, 19.4162, 19.5547



17.6680, 19.4162, 20.5858



17.6769, 19.4162, 21.8054

Triad

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



17.6680, 19.4162, 20.5858



18.6851, 19.4162, 23.4815



19.0287, 19.4162, 19.4870

Complementary

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



17.6680, 19.4162, 20.5858



17.7733, 17.8789, 19.9678

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.



19.2546, 19.4162, 20.4901



17.6680, 19.4162, 20.5858



19.0542, 19.4162, 22.8108

Square

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



17.6680, 19.4162, 20.5858



18.2596, 19.4162, 23.5096



19.2640, 19.4162, 21.7060



18.6508, 19.4162, 18.9370

Rectangle

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



17.6680, 19.4162, 20.5858



17.7997, 19.4162, 22.5623



19.2640, 19.4162, 21.7060



19.1252, 19.4162, 19.7806

Sweetspot

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



17.6685, 19.4170, 20.5862



32.9511, 35.0906, 37.9383



17.9174, 19.5795, 19.0547



7.7733, 8.2707, 8.9466



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.6685, 19.4170, 20.5862



30.4232, 33.8366, 35.5967



17.8603, 19.4037, 21.8737



4.0354, 4.4838, 4.7200



8.4140, 15.0893, 8.1651



39.7020, 71.8038, 36.6643

Inverse Universe

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



17.7733, 17.8789, 19.9678



30.6543, 30.4450, 34.2331



17.5894, 17.8876, 18.7454



4.0655, 4.0419, 4.5423



9.1529, 4.6373, 4.0962



43.2453, 21.9545, 17.3539

Previews

White Background



This preview shows how the XYZ color 17.6680, 19.4162, 20.5858 looks on a white background.

Color Contrast Check

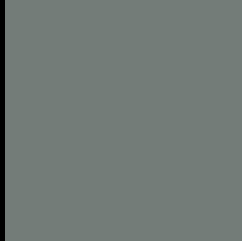
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6680, 19.4162, 20.5858 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

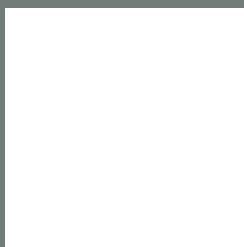
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6680, 19.4162, 20.5858

Background



This preview shows how black text looks on a background with the XYZ color 17.6680, 19.4162, 20.5858.



This preview shows how white text looks on a background with the XYZ color 17.6680, 19.4162,

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

17.6680, 19.4162, 20.5858

Protanopia

18.5648, 19.3427, 19.8946

Deuteranopia

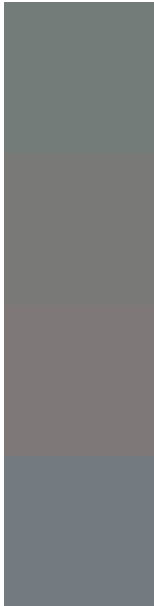
19.7611, 19.4057, 20.7933



Tritanopia

18.4605, 19.3669, 24.5950

Trichromacy



Original Color

17.6680, 19.4162, 20.5858

Protanomaly

18.1745, 19.3159, 20.2232

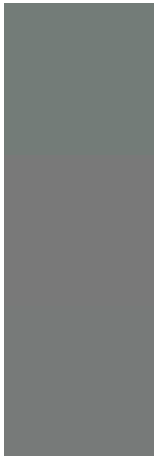
Deuteranomaly

18.9201, 19.3254, 20.8221

Tritanomaly

18.1817, 19.4374, 23.2156

Monochromacy



Original Color

17.6680, 19.4162, 20.5858

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0185, 19.2215, 20.8496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6680, 19.4162, 20.5858 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(115, 124, 120)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 120)  
}
```

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(115, 124, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.6680, 19.4162, 20.5858 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(115, 124, 120) }
```


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

```
.border{ border-color:rgb(115, 124, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 124, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 120);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6680, 19.4162, 20.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 120) }
```

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

```
.background{ background-color: rgb(115,  
124, 120) }
```

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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