

Converting Colors

XYZ(17.5090, 19.1880, 20.3012)

Have a look what the booklet for
XYZ(17.5090, 19.1880, 20.3012)
contains.

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Color

**XYZ(17.4830, 19.1427,
20.2262)**

Conversions

Conversions Part 1

Format	Color
Hex	737B77
RGB	115, 123, 119
RGB Percent	45%, 48%, 47%
CMY	0.5490, 0.5176, 0.5333
CMYK	0.07, 0.00, 0.03, 0.52
HSL	150°, 3%, 47%
HSV	150°, 7%, 48%
XYZ	17.4830, 19.1427, 20.2262
YIQ	120.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

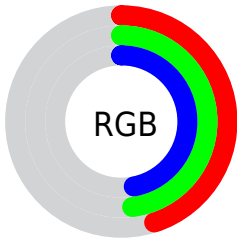
Format	Color
R_{YB}	115, 120, 123
Decimal	7568247
CIE Lab	50.85, -3.81, 1.15
CIE LCh	51, 3.976, 163.208
Yxy	19.1427, 0.3075, 0.3367
Android (android.graphics.Color)	4285758327 (0xFF737B77)
YUV	120.1520, -0.5679, -4.5183
Hunter-Lab	43.7524, -5.2399, 3.2176

Details

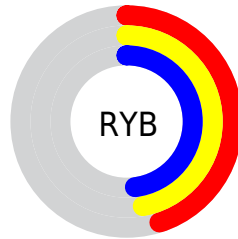
The XYZ color **17.4830, 19.1427, 20.2262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6296, 17.8049, 19.9613**, and the grayscale version is **17.9043, 18.8367, 20.5131**.

A 20% lighter version of the original color is **38.6170, 41.8157, 44.5640**, and **5.9008, 6.5458, 6.9137** is the 20% darker color. If you saturate the color by 10%, you get **15.6147, 18.2214, 18.2723**, and if you desaturate by 10%, it is **19.5921, 20.1865, 22.3170**.

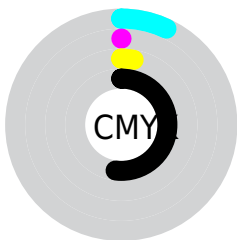
Distribution



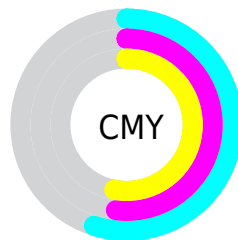
- Red (45%)
- Green (48%)
- Blue (47%)



- Red (45%)
- Yellow (47%)
- Blue (48%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4830, 19.1427, 20.2262 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 17.4830, 19.1427, 20.2262 by changing the saturation by 10% instead.

■ 17.4830, 19.1427,
20.2262

■ 17.4830, 19.1427,
20.2262

231.0430,
247.2354, 265.7817

■ 10.6769, 11.7734,
12.3739

■ 38.6914, 41.9751,
44.6600

■ 5.9157, 6.5896,
6.8732

■ 53.8244, 58.2070,
62.0786

■ 2.8341, 3.2068,
3.3057

■ 72.4637, 78.1619,
83.5231

■ 1.0666, 1.2406,
1.2528

■ 94.9748, 102.2242,
109.4119

■ 0.0000, 0.0945,
0.0226

121.7229,
130.7784, 140.1636

■ 0.0000, 0.0000,
0.0000

153.0734,

164.2087, 176.1968

189.3916,
202.8995, 217.9300

■ 17.4830, 19.1427,
20.2262

■ 17.4830, 19.1427,
20.2262

■ 15.6147, 18.2214,
18.2723

■ 19.5921, 20.1865,
22.3170

■ 13.9768, 17.4156,
16.4513

■ 21.9490, 21.3546,
24.5462

■ 12.5602, 16.7213,
14.7608

■ 24.5621, 22.6519,
26.9168

■ 11.3547, 16.1332,
13.1979

■ 27.4392, 24.0824,
29.4313

■ 10.3494, 15.6457,
11.7593

■ 30.5875, 25.6498,
32.0921

■ 9.5321, 15.2527,
10.4420

■ 34.0141, 27.3577,
34.9017

■ 8.8895, 14.9473,
9.2425

■ 37.7259, 29.2094,
37.8624

■ 8.4061, 14.7217,
8.1573

■ 41.7292, 31.2085,
40.9764

■ 8.0521, 14.5604,
7.1819

■ 46.0306, 33.3580,
44.2460

Harmonies

Analogous

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



17.6838, 19.1427, 19.3102



17.4830, 19.1427, 20.2262



17.4711, 19.1427, 21.3399

Triad

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



17.4830, 19.1427, 20.2262



18.3672, 19.1427, 23.0144



18.7491, 19.1427, 19.4010

Complementary

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



17.4830, 19.1427, 20.2262



17.6296, 17.8049, 19.9613

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.



18.9377, 19.1427, 20.3542



17.4830, 19.1427, 20.2262



18.7151, 19.1427, 22.4552

Square

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



17.4830, 19.1427, 20.2262



17.9778, 19.1427, 22.9771



18.9252, 19.1427, 21.4725



18.4130, 19.1427, 18.8456

Rectangle

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



17.4830, 19.1427, 20.2262



17.5717, 19.1427, 22.0470



18.9252, 19.1427, 21.4725



18.8320, 19.1427, 19.6840

Sweetspot

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



17.4835, 19.1435, 20.2266



32.9356, 35.0844, 37.8565



17.8043, 19.3360, 19.0138



7.7699, 8.2694, 8.9288



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.



17.4835, 19.1435, 20.2266



30.7113, 33.9852, 35.6100



17.7207, 19.2384, 21.4755



4.0266, 4.4803, 4.6741



8.2094, 15.0074, 7.0873



38.7298, 71.4150, 31.5450

Inverse Universe

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



17.6296, 17.8049, 19.9613



31.0373, 30.9979, 35.0180



17.4019, 17.7138, 18.7622



4.0741, 4.0454, 4.5879



9.3333, 4.7095, 5.0459



44.0910, 22.2927, 21.8070

Previews

White Background



This preview shows how the XYZ color 17.4830, 19.1427, 20.2262 looks on a white background.

Color Contrast Check

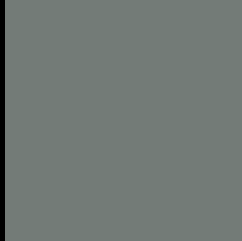
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4830, 19.1427, 20.2262 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

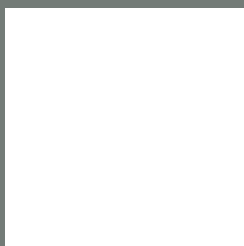
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4830, 19.1427, 20.2262

Background



This preview shows how black text looks on a background with the XYZ color 17.4830, 19.1427, 20.2262.



This preview shows how white text looks on a background with the XYZ color 17.4830, 19.1427,

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

17.4830, 19.1427, 20.2262

Protanopia

18.2987, 19.0260, 19.8475

Deuteranopia

19.4243, 19.0652, 20.4255



Tritanopia

18.2702, 19.0953, 24.1956

Trichromacy



Original Color

17.4830, 19.1427, 20.2262

Protanomaly

17.9925, 19.0477, 19.8678

Deuteranomaly

18.5912, 18.9853, 20.4540

Tritanomaly

17.9928, 19.1644, 22.8294

Monochromacy



Original Color

17.4830, 19.1427, 20.2262

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6988, 18.8824, 20.4811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4830, 19.1427, 20.2262 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, 123, 119)` looks like.

```
.text, #text, p{  
    color:rgb(115, 123, 119)  
}
```

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, 123, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 123, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.4830, 19.1427, 20.2262 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, 123, 119) }
```


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

```
.border{ border-color:rgb(115, 123, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 123, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 123, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 123, 119);  
box-shadow:4px 4px 4px 4px rgb(115, 123,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4830, 19.1427, 20.2262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 123, 119) }
```

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

```
.background{ background-color: rgb(115,  
123, 119) }
```

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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