

Converting Colors

XYZ(17.5591, 18.6218, 19.6385)

Have a look what the booklet for
XYZ(17.5591, 18.6218, 19.6385)
contains.

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Color

**XYZ(17.5351, 18.6392,
19.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	777875
RGB	119, 120, 117
RGB Percent	47%, 47%, 46%
CMY	0.5333, 0.5294, 0.5412
CMYK	0.01, 0.00, 0.03, 0.53
HSL	80°, 1%, 46%
HSV	80°, 3%, 47%
XYZ	17.5351, 18.6392, 19.5032
YIQ	119.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

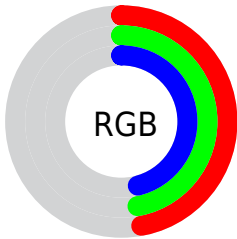
Format	Color
RYB	117, 120, 118
Decimal	7829621
CIELab	50.26, -0.98, 1.51
CIElCh	50, 1.794, 122.943
Yxy	18.6392, 0.3149, 0.3348
Android (android.graphics.Color)	4286019701 (0xFF777875)
YUV	119.3590, -1.1630, -0.3148
Hunter-Lab	43.1731, -3.0539, 3.4373

Details

The XYZ color **17.5351, 18.6392, 19.5032** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2234, 17.9307, 20.3234**, and the grayscale version is **17.6523, 18.5716, 20.2244**.

A 20% lighter version of the original color is **38.7085, 41.0275, 43.4151**, and **5.9901, 6.4040, 6.5506** is the 20% darker color. If you saturate the color by 10%, you get **16.3362, 18.0981, 15.9971**, and if you desaturate by 10%, it is **18.8487, 19.2301, 23.4877**.

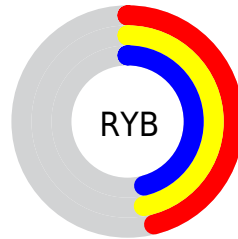
Distribution



Red (47%)

Green (47%)

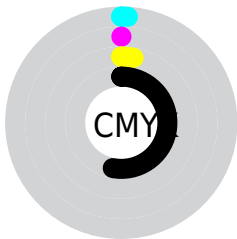
Blue (46%)



Red (46%)

Yellow (47%)

Blue (46%)



Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5351, 18.6392, 19.5032 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 17.5351, 18.6392, 19.5032 by changing the saturation by 10% instead.

■ 17.5351, 18.6392,
19.5032

■ 17.5351, 18.6392,
19.5032

231.3340,
244.4496, 261.7275

■ 10.7144, 11.4099,
11.8540

■ 38.7799, 41.1235,
43.4306

■ 5.9410, 6.3432,
6.5230

■ 53.9346, 57.1473,
60.5459

■ 2.8496, 3.0549,
3.0917

■ 72.5981, 76.8714,
81.6536

■ 1.0747, 1.1605,
1.1417

95.1357, 100.6801,
107.1723

■ 0.0038, 0.0290,
0.0000

121.9127,
128.9579, 137.5205

■ 0.0000, 0.0000,
0.0000

153.2946,

162.0892, 173.1167

189.6465,
200.4583, 214.3795

■ 17.5351, 18.6392,
19.5032

■ 17.5351, 18.6392,
19.5032

■ 16.3362, 18.0981,
15.9971

■ 18.8487, 19.2301,
23.4877

■ 15.2468, 17.6028,
12.9501

■ 20.2789, 19.8698,
27.9664

■ 14.2634, 17.1525,
10.3436

■ 21.8297, 20.5604,
32.9558

■ 13.3819, 16.7455,
8.1571

■ 23.5041, 21.3032,
38.4715

■ 12.5978, 16.3801,
6.3685

■ 25.3054, 22.0996,
44.5282

■ 11.9062, 16.0541,
4.9538

■ 27.2363, 22.9507,
51.1401

■ 11.3017, 15.7655,
3.8862

■ 29.2999, 23.8577,
58.3210

■ 10.7783, 15.5118,
3.1354

■ 31.4988, 24.8218,
66.0839

■ 10.3288, 15.2900,
2.6653

■ 33.8358, 25.8439,
74.4418

Harmonies

Analogous

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



17.6989, 18.6392, 19.3551



17.5351, 18.6392, 19.5032



17.4204, 18.6392, 19.8632

Triad

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



17.5351, 18.6392, 19.5032



17.5646, 18.6392, 21.1582



18.0514, 18.6392, 20.2459

Complementary

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



17.5351, 18.6392, 19.5032



17.2234, 17.9307, 20.3234

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.



18.0149, 18.6392, 20.7329



17.5351, 18.6392, 19.5032



17.7331, 18.6392, 21.2647

Square

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



17.5351, 18.6392, 19.5032



17.4374, 18.6392, 20.8192



17.8981, 18.6392, 21.1078



17.9976, 18.6392, 19.7795

Rectangle

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



17.5351, 18.6392, 19.5032



17.3868, 18.6392, 20.1777



17.8981, 18.6392, 21.1078



18.0493, 18.6392, 20.4126

Sweetspot

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



17.5356, 18.6400, 19.5036



31.1688, 32.9307, 35.2829



17.4357, 18.2349, 19.4307



7.3907, 7.8061, 8.3738



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.



17.5356, 18.6400, 19.5036



30.7145, 32.7260, 33.9265



17.3314, 18.5347, 19.4940



4.3491, 4.6447, 4.7713



10.9158, 16.5045, 2.6104



51.1385, 78.2483, 12.4081

Inverse Universe

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



17.2234, 17.9307, 20.3234



30.0422, 31.1989, 35.6917



17.4287, 18.0366, 20.3330



4.2365, 4.3889, 5.0670



4.6415, 1.9655, 19.5200



21.3226, 8.9542, 93.0743

Previews

White Background



This preview shows how the XYZ color 17.5351, 18.6392, 19.5032 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 17.5351, 18.6392, 19.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

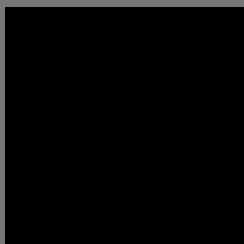
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

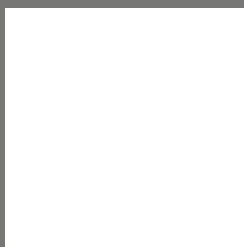
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5351, 18.6392, 19.5032

Background



This preview shows how black text looks on a background with the XYZ color 17.5351, 18.6392, 19.5032.



This preview shows how white text looks on a background with the XYZ color 17.5351, 18.6392,

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

17.5351, 18.6392, 19.5032

Protanopia

17.7753, 18.5922, 19.1748

Deuteranopia

19.0311, 18.7043, 19.7468



Tritanopia

18.2599, 18.5803, 23.0460

Trichromacy



Original Color

17.5351, 18.6392, 19.5032

Protanomaly

17.6344, 18.5196, 19.1682

Deuteranomaly

18.3837, 18.5426, 19.7497

Tritanomaly

17.9806, 18.6420, 21.7194

Monochromacy



Original Color

17.5351, 18.6392, 19.5032

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4746, 18.4236, 19.7746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5351, 18.6392, 19.5032 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, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 117)  
}
```

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, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.5351, 18.6392, 19.5032 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, 120, 117) }
```


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

```
.border{ border-color:rgb(119, 120, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 120, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5351, 18.6392, 19.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 117) }
```

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

```
.background{ background-color: rgb(119,  
120, 117) }
```

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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