

Converting Colors

XYZ(17.0645, 18.6191, 20.4179)

Have a look what the booklet for
XYZ(17.0645, 18.6191, 20.4179)
contains.

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Color

**XYZ(17.0376, 18.5415,
20.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	717978
RGB	113, 121, 120
RGB Percent	44%, 47%, 47%
CMY	0.5569, 0.5255, 0.5294
CMYK	0.07, 0.00, 0.01, 0.53
HSL	172°, 3%, 46%
HSV	172°, 7%, 47%
XYZ	17.0376, 18.5415, 20.4502
YIQ	118.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

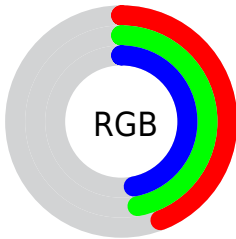
Format	Color
R_{YB}	113, 117, 121
Decimal	7436664
CIE _{Lab}	50.15, -3.19, -0.49
CIE _{LCh}	50, 3.231, 188.734
Yxy	18.5415, 0.3041, 0.3309
Android (android.graphics.Color)	4285626744 (0xFF717978)
YUV	118.4940, 0.7425, -4.8182
Hunter-Lab	43.0598, -4.7272, 1.9836

Details

The XYZ color **17.0376, 18.5415, 20.4502** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8282, 17.0906, 18.3324**, and the grayscale version is **17.3741, 18.2789, 19.9057**.

A 20% lighter version of the original color is **37.9070, 40.8650, 44.9196**, and **5.7322, 6.3568, 7.0558** is the 20% darker color. If you saturate the color by 10%, you get **15.4924, 17.7560, 19.9021**, and if you desaturate by 10%, it is **18.7929, 19.4362, 21.0165**.

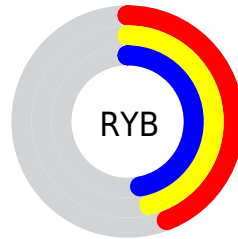
Distribution



Red (44%)

Green (47%)

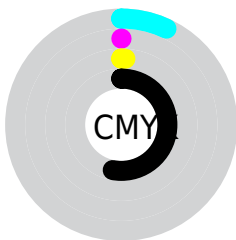
Blue (47%)



Red (44%)

Yellow (46%)

Blue (47%)

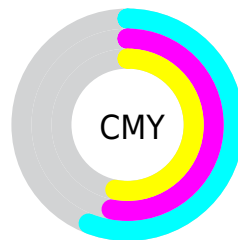


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0376, 18.5415, 20.4502 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 17.0376, 18.5415, 20.4502 by changing the saturation by 10% instead.

■ 17.0376, 18.5415,
20.4502

■ 17.0376, 18.5415,
20.4502

228.5410,
243.9058, 267.0264

■ 10.3568, 11.3395,
12.5354

■ 37.9335, 40.9579,
45.0395

■ 5.7002, 6.2956,
6.9825

■ 52.8793, 56.9410,
62.5512

■ 2.7026, 3.0257,
3.3729

■ 71.3107, 76.6200,
84.0988

■ 0.9985, 1.1451,
1.2880

■ 93.5933, 100.3791,
110.1011

■ 0.0000, 0.0162,
0.0519

120.0922,
128.6029, 140.9764

■ 0.0000, 0.0000,
0.0000

151.1729,

161.6756, 177.1433

187.2007,
199.9818, 219.0205

■ 17.0376, 18.5415,
20.4502

■ 17.0376, 18.5415,
20.4502

■ 15.4924, 17.7560,
19.9021

■ 18.7929, 19.4362,
21.0165

■ 14.1476, 17.0731,
19.3705

■ 20.7644, 20.4417,
21.6003

■ 12.9950, 16.4891,
18.8554

■ 22.9600, 21.5625,
22.2021

■ 12.0252, 15.9992,
18.3564

■ 25.3867, 22.8023,
22.8225

■ 11.2282, 15.5982,
17.8729

■ 28.0510, 24.1644,
23.4617

■ 10.5927, 15.2803,
17.4044

■ 30.9595, 25.6522,
24.1202

■ 10.1065, 15.0392,
16.9502

■ 34.1183, 27.2689,
24.7981

■ 9.7553, 14.8675,
16.5098

■ 37.5332, 29.0175,
25.4958

■ 9.5096, 14.7501,
16.0816

■ 41.2101, 30.9009,
26.2137

Harmonies

Analogous

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



17.0707, 18.5415, 19.5726



17.0376, 18.5415, 20.4502



17.1599, 18.5415, 21.2812

Triad

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



17.0376, 18.5415, 20.4502



18.0007, 18.5415, 21.5567



17.8413, 18.5415, 18.6315

Complementary

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



17.0376, 18.5415, 20.4502



16.8282, 17.0906, 18.3324

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.



18.0946, 18.5415, 19.1339



17.0376, 18.5415, 20.4502



18.1874, 18.5415, 20.8173

Square

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



17.0376, 18.5415, 20.4502



17.7143, 18.5415, 21.9323



18.2219, 18.5415, 19.9291



17.5323, 18.5415, 18.5397

Rectangle

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



17.0376, 18.5415, 20.4502



17.3140, 18.5415, 21.6909



18.2219, 18.5415, 19.9291



17.9359, 18.5415, 18.7572

Sweetspot

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



17.0381, 18.5423, 20.4506



31.8957, 33.9087, 37.0783



16.7667, 18.4497, 18.3006



7.3040, 7.7589, 8.4816



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.



17.0381, 18.5423, 20.4506



30.0454, 32.9666, 36.4619



16.7481, 17.8644, 20.6555



4.0865, 4.5042, 4.9894



10.1041, 15.7653, 17.0650



47.9821, 75.1159, 80.2668

Inverse Universe

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



16.8282, 17.0906, 18.3324



29.5841, 29.7762, 31.8065



17.1042, 17.7332, 18.1445



4.0168, 4.0225, 4.2864



8.5410, 4.3926, 0.8741



40.5635, 20.8817, 3.2313

Previews

White Background



This preview shows how the XYZ color 17.0376, 18.5415, 20.4502 looks on a white background.

Color Contrast Check

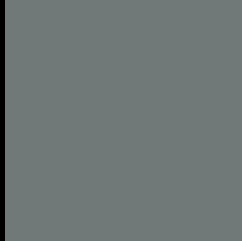
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0376, 18.5415, 20.4502 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

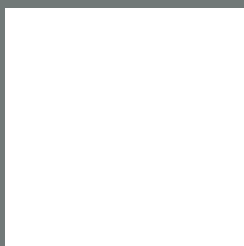
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0376, 18.5415, 20.4502

Background



This preview shows how black text looks on a background with the XYZ color 17.0376, 18.5415, 20.4502.



This preview shows how white text looks on a background with the XYZ color 17.0376, 18.5415,

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

17.0376, 18.5415, 20.4502

Protanopia

17.8118, 18.5905, 20.1023

Deuteranopia

18.7878, 18.3878, 20.6481



Tritanopia

17.7491, 18.6628, 23.4357

Trichromacy



Original Color

17.0376, 18.5415, 20.4502

Protanomaly

17.5175, 18.6164, 20.1228

Deuteranomaly

18.1247, 18.3881, 20.6832

Tritanomaly

17.4218, 18.5167, 22.3945

Monochromacy



Original Color

17.0376, 18.5415, 20.4502

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1291, 18.2386, 20.0704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0376, 18.5415, 20.4502 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(113, 121, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 121, 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(113, 121, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 121, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.0376, 18.5415, 20.4502 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(113, 121, 120) }
```


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

```
.border{ border-color:rgb(113, 121, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 121, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 121, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 121, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 121,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0376, 18.5415, 20.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 121, 120) }
```

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

```
.background{ background-color: rgb(113,  
121, 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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