

Converting Colors

XYZ(17.6658, 18.1026, 20.2940)

Have a look what the booklet for
XYZ(17.6658, 18.1026, 20.2940)
contains.

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Color

**XYZ(17.7775, 18.2162,
20.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7578
RGB	122, 117, 120
RGB Percent	48%, 46%, 47%
CMY	0.5216, 0.5412, 0.5294
CMYK	0.00, 0.04, 0.02, 0.52
HSL	324°, 2%, 47%
HSV	324°, 4%, 48%
XYZ	17.7775, 18.2162, 20.3484
YIQ	118.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

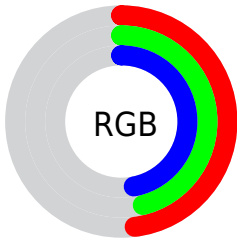
Format	Color
R_{YB}	122, 117, 120
Decimal	8025464
CIE _{Lab}	49.76, 2.51, -0.97
CIE _{LCh}	50, 2.689, 338.827
Yxy	18.2162, 0.3155, 0.3233
Android (android.graphics.Color)	4286215544 (0xFF7A7578)
YUV	118.8370, 0.5734, 2.7740
Hunter-Lab	42.6804, -0.3409, 1.6091

Details

The XYZ color **17.7775, 18.2162, 20.3484** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6261, 19.0334, 20.1985**, and the grayscale version is **17.4813, 18.3917, 20.0285**.

A 20% lighter version of the original color is **39.0899, 40.3532, 44.7584**, and **6.0455, 6.1406, 6.9975** is the 20% darker color. If you saturate the color by 10%, you get **16.1590, 15.4412, 18.3842**, and if you desaturate by 10%, it is **19.5974, 21.3694, 22.4547**.

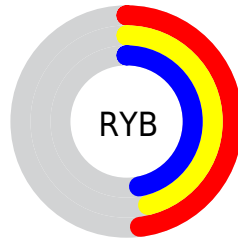
Distribution



Red (48%)

Green (46%)

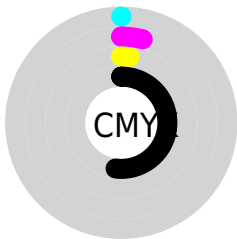
Blue (47%)



Red (48%)

Yellow (46%)

Blue (47%)

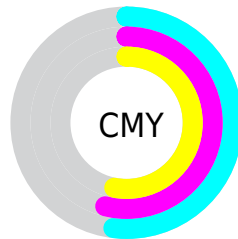


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7775, 18.2162, 20.3484 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 17.7775, 18.2162, 20.3484 by changing the saturation by 10% instead.

■ 17.7775, 18.2162,
20.3484

■ 17.7775, 18.2162,
20.3484

232.6838,
242.0868, 266.4614

■ 10.8891, 11.1053,
12.4620

■ 39.1909, 40.4054,
44.8672

■ 6.0590, 6.1377,
6.9328

■ 54.4466, 56.2525,
62.3366

■ 2.9220, 2.9290,
3.3423

■ 73.2220, 75.7804,
83.8374

■ 1.1127, 1.0948,
1.2720

95.8827, 99.3736,
109.7881

■ 0.0357, 0.0000,
0.0386

122.7938,
127.4165, 140.6074

■ 0.0000, 0.0000,
0.0000

154.3208,

160.2934, 176.7136

190.8290,
198.3887, 218.5254

■ 17.7775, 18.2162,
20.3484

■ 17.7775, 18.2162,
20.3484

■ 16.1590, 15.4412,
18.3842

■ 19.5974, 21.3694,
22.4547

■ 14.7331, 13.0277,
16.5575

■ 21.6241, 24.9119,
24.7053

■ 13.4925, 10.9613,
14.8649

■ 23.8648, 28.8574,
27.1040

■ 12.4287, 9.2257,
13.3024

■ 26.3257, 33.2182,
29.6538

■ 11.5329, 7.8032,
11.8659

■ 29.0128, 38.0060,
32.3577

■ 10.7952, 6.6746,
10.5509

■ 31.9321, 43.2321,
35.2187

■ 10.2047, 5.8184,
9.3525

■ 35.0890, 48.9073,
38.2396

■ 9.7490, 5.2103,
8.2653

■ 38.4889, 55.0422,
41.4232

■ 9.4110, 4.8166,
7.2823

■ 42.1371, 61.6467,
44.7721

Harmonies

Analogous

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



17.6247, 18.2162, 20.9541



17.7775, 18.2162, 20.3484



17.8054, 18.2162, 19.6186

Triad

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



17.7775, 18.2162, 20.3484



17.2384, 18.2162, 18.4723



16.9329, 18.2162, 20.7323

Complementary

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



17.7775, 18.2162, 20.3484



17.6261, 19.0334, 20.1985

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.



16.8316, 18.2162, 20.0517



17.7775, 18.2162, 20.3484



17.0069, 18.2162, 18.7552

Square

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



17.7775, 18.2162, 20.3484



17.4925, 18.2162, 18.5473



16.8585, 18.2162, 19.3290



17.1366, 18.2162, 21.1796

Rectangle

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



17.7775, 18.2162, 20.3484



17.7492, 18.2162, 19.1617



16.8585, 18.2162, 19.3290



16.8859, 18.2162, 20.5226

Sweetspot

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



17.7780, 18.2170, 20.3488



32.2218, 33.6811, 36.9107



17.4826, 18.0505, 20.9753



7.3731, 7.7108, 8.4461



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.



17.7780, 18.2170, 20.3488



30.9688, 31.5187, 35.4339



17.6283, 18.1571, 19.5606



4.2347, 4.3006, 4.8446



9.7184, 4.8635, 7.0738



45.9286, 23.0278, 31.4835

Inverse Universe

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



17.7780, 18.2170, 20.3488



30.9688, 31.5187, 35.4339



17.7782, 19.0942, 20.9993



4.2347, 4.3006, 4.8446



9.7184, 4.8635, 7.0738



45.9286, 23.0278, 31.4835

Previews

White Background



This preview shows how the XYZ color 17.7775, 18.2162, 20.3484 looks on a white 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

Black Background



This preview shows how the XYZ color 17.7775, 18.2162, 20.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

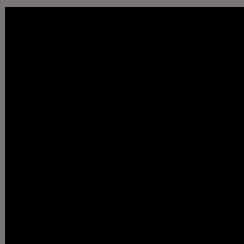
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

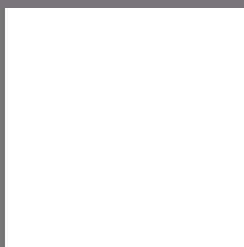
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7775, 18.2162, 20.3484

Background



This preview shows how black text looks on a background with the XYZ color 17.7775, 18.2162, 20.3484.



This preview shows how white text looks on a background with the XYZ color 17.7775, 18.2162,

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

17.7775, 18.2162, 20.3484

Protanopia

17.6143, 18.3060, 20.3743

Deuteranopia

18.5742, 18.2847, 20.3196



Tritanopia

18.1154, 18.1824, 21.9568

Trichromacy

**Original Color**

17.7775, 18.2162, 20.3484

Protanomaly

17.7538, 18.3779, 20.3809

Deuteranomaly

18.2397, 18.2825, 20.3368

Tritanomaly

17.9889, 18.1318, 21.2906

Monochromacy

**Original Color**

17.7775, 18.2162, 20.3484

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5539, 18.2818, 20.0563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7775, 18.2162, 20.3484 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(122, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 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(122, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.7775, 18.2162, 20.3484 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(122, 117, 120) }
```


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

```
.border{ border-color:rgb(122, 117, 120) }
```

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

Here you see how a box with a 4 pixel rgb(122, 117, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7775, 18.2162, 20.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 120) }
```

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

```
.background{ background-color: rgb(122,  
117, 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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