

Converting Colors

XYZ(17.4371, 18.1889, 20.3613)

Have a look what the booklet for
XYZ(17.4371, 18.1889, 20.3613)
contains.

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Color

**XYZ(17.4763, 18.2349,
20.3679)**

Conversions

Conversions Part 1

Format	Color
Hex	777678
RGB	119, 118, 120
RGB Percent	47%, 46%, 47%
CMY	0.5333, 0.5372, 0.5294
CMYK	0.01, 0.02, 0.00, 0.53
HSL	270°, 1%, 47%
HSV	270°, 2%, 47%
XYZ	17.4763, 18.2349, 20.3679
YIQ	118.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

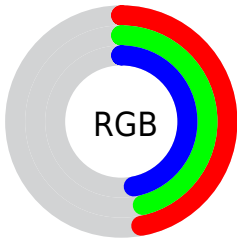
Format	Color
RYB	119, 118, 120
Decimal	7829112
CIELab	49.78, 0.79, -0.97
CIELCh	50, 1.248, 309.058
Yxy	18.2349, 0.3116, 0.3252
Android (android.graphics.Color)	4286019192 (0xFF777678)
YUV	118.5270, 0.7262, 0.4148
Hunter-Lab	42.7023, -1.6764, 1.6119

Details

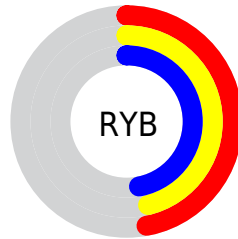
The XYZ color **17.4763, 18.2349, 20.3679** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5951, 18.6635, 19.8156**, and the grayscale version is **17.3835, 18.2888, 19.9166**.

A 20% lighter version of the original color is **38.6157, 40.3859, 44.7897**, and **5.9584, 6.1878, 7.0112** is the 20% darker color. If you saturate the color by 10%, you get **15.3532, 15.1748, 19.8894**, and if you desaturate by 10%, it is **19.8324, 21.6831, 20.9096**.

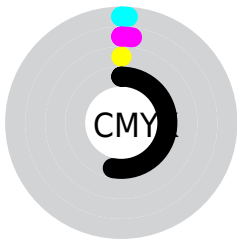
Distribution



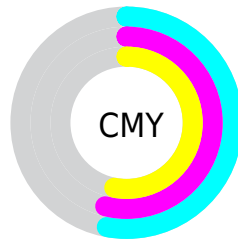
- Red (47%)
- Green (46%)
- Blue (47%)



- Red (47%)
- Yellow (46%)
- Blue (47%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4763, 18.2349, 20.3679 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 17.4763, 18.2349, 20.3679 by changing the saturation by 10% instead.

■ 17.4763, 18.2349,
20.3679

■ 17.4763, 18.2349,
20.3679

231.0055,
242.1917, 266.5697

■ 10.6721, 11.1188,
12.4760

■ 38.6800, 40.4372,
44.9002

■ 5.9124, 6.1468,
6.9423

■ 53.8102, 56.2921,
62.3777

■ 2.8321, 2.9345,
3.3481

■ 72.4465, 75.8288,
83.8875

■ 1.0656, 1.0977,
1.2750

94.9541, 99.4316,
109.8481

■ 0.0000, 0.0000,
0.0412

121.6984,
127.4849, 140.6781

■ 0.0000, 0.0000,
0.0000

153.0449,

160.3730, 176.7960

189.3588,
198.4805, 218.6203

■ 17.4763, 18.2349,
20.3679

■ 17.4763, 18.2349,
20.3679

■ 15.3532, 15.1748,
19.8894

■ 19.8324, 21.6831,
20.9096

■ 13.4539, 12.4865,
19.4706

■ 22.4273, 25.5302,
21.5154

■ 11.7708, 10.1559,
19.1095

■ 25.2685, 29.7897,
22.1878

■ 10.2952, 8.1673,
18.8034

■ 28.3626, 34.4735,
22.9288

■ 9.0179, 6.5036,
18.5496

■ 31.7161, 39.5932,
23.7402

■ 7.9287, 5.1462,
18.3450

■ 35.3351, 45.1599,
24.6240

■ 7.0165, 4.0748,
18.1863

■ 39.2256, 51.1843,
25.5817

■ 6.2691, 3.2662,
18.0696

■ 43.3932, 57.6766,
26.6152

■ 5.6721, 2.6936,
17.9906

■ 47.8437, 64.6469,
27.7260

Harmonies

Analogous

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



17.3678, 18.2349, 20.5089



17.4763, 18.2349, 20.3679



17.5463, 18.2349, 20.0898

Triad

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



17.4763, 18.2349, 20.3679



17.4136, 18.2349, 19.2490



17.1068, 18.2349, 19.9581

Complementary

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



17.4763, 18.2349, 20.3679



17.5951, 18.6635, 19.8156

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.



17.1189, 18.2349, 19.6214



17.4763, 18.2349, 20.3679



17.2957, 18.2349, 19.2146

Square

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



17.4763, 18.2349, 20.3679



17.5100, 18.2349, 19.4447



17.1880, 18.2349, 19.3502



17.1547, 18.2349, 20.2705

Rectangle

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



17.4763, 18.2349, 20.3679



17.5615, 18.2349, 19.8655



17.1880, 18.2349, 19.3502



17.1040, 18.2349, 19.8439

Sweetspot

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



17.4768, 18.2357, 20.3683



31.3992, 33.0344, 35.9744



17.4629, 18.4099, 20.4027



7.4413, 7.8288, 8.5256



59.0181, 62.0916, 67.6177

Same Dimension

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



17.4768, 18.2357, 20.3683



30.5872, 31.8535, 35.7893



17.6103, 18.3045, 20.3745



4.3614, 4.5473, 5.0910



5.7076, 2.5151, 19.5699



26.2447, 11.4916, 93.3046

Inverse Universe

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



17.5547, 18.2828, 20.0577



30.7555, 31.9554, 35.1177



17.4630, 18.5954, 19.8094



4.3827, 4.5602, 5.0063



9.3360, 4.7105, 5.0602



44.1038, 22.2979, 21.8744

Previews

White Background



This preview shows how the XYZ color 17.4763, 18.2349, 20.3679 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 17.4763, 18.2349, 20.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

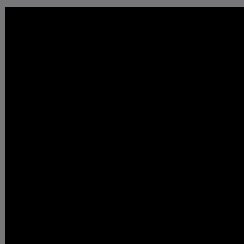
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

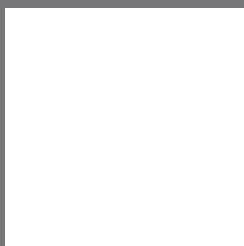
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4763, 18.2349, 20.3679

Background



This preview shows how black text looks on a background with the XYZ color 17.4763, 18.2349, 20.3679.



This preview shows how white text looks on a background with the XYZ color 17.4763, 18.2349,

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

17.4763, 18.2349, 20.3679

Protanopia

17.6143, 18.3060, 20.3743

Deuteranopia

18.6352, 18.3091, 20.6410



Tritanopia

17.8729, 18.2220, 22.3139

Trichromacy

**Original Color**

17.4763, 18.2349, 20.3679

Protanomaly

17.6143, 18.3060, 20.3743

Deuteranomaly

18.1540, 18.2312, 20.6513

Tritanomaly

17.7451, 18.1709, 21.6408

Monochromacy

**Original Color**

17.4763, 18.2349, 20.3679

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5343, 18.4475, 20.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4763, 18.2349, 20.3679 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, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 118, 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(119, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 118, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.4763, 18.2349, 20.3679 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, 118, 120) }
```

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

```
.border{ border-color:rgb(119, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 118,  
120) }
```


Background

The CSS property to change the background color of an element to XYZ 17.4763, 18.2349, 20.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 118, 120) }
```

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

```
.background{ background-color: rgb(119,  
118, 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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