

Converting Colors

XYZ(16.9753, 18.5187, 18.5043)

Have a look what the booklet for
XYZ(16.9753, 18.5187, 18.5043)
contains.

XYZ(17.0771, 18.6027, 18.6102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0771, 18.6027,
18.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	747972
RGB	116, 121, 114
RGB Percent	45%, 47%, 45%
CMY	0.5451, 0.5255, 0.5529
CMYK	0.04, 0.00, 0.06, 0.53
HSL	103°, 3%, 46%
HSV	103°, 6%, 47%
XYZ	17.0771, 18.6027, 18.6102
YIQ	118.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

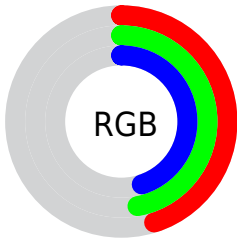
Format	Color
R_{YB}	114, 121, 119
Decimal	7633266
CIE Lab	50.22, -3.29, 3.18
CIE LCh	50, 4.574, 135.980
Yxy	18.6027, 0.3146, 0.3427
Android (android.graphics.Color)	4285823346 (0xFF747972)
YUV	118.7070, -2.3206, -2.3740
Hunter-Lab	43.1308, -4.8042, 4.6090

Details

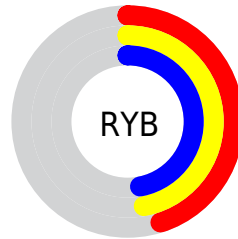
The XYZ color **17.0771, 18.6027, 18.6102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0770, 17.3376, 20.5366**, and the grayscale version is **17.4497, 18.3585, 19.9924**.

A 20% lighter version of the original color is **37.9750, 40.9651, 41.9820**, and **5.7498, 6.3874, 6.0841** is the 20% darker color. If you saturate the color by 10%, you get **15.3374, 17.7808, 15.1682**, and if you desaturate by 10%, it is **19.0160, 19.5178, 22.5380**.

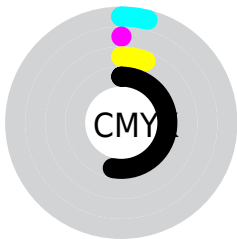
Distribution



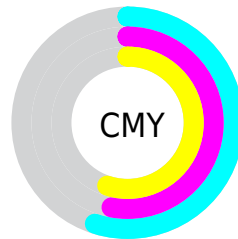
- Red (45%)
- Green (47%)
- Blue (45%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0771, 18.6027, 18.6102 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 17.0771, 18.6027, 18.6102 by changing the saturation by 10% instead.

■ 17.0771, 18.6027,
18.6102

■ 17.0771, 18.6027,
18.6102

228.7639,
244.2466, 256.6389

■ 10.3851, 11.3836,
11.2150

■ 38.0008, 41.0617,
41.9023

■ 5.7193, 6.3254,
6.0957

■ 52.9633, 57.0703,
58.6362

■ 2.7142, 3.0440,
2.8336

■ 71.4133, 76.7775,
79.3202

■ 1.0045, 1.1547,
1.0103

■ 93.7162, 100.5677,
104.3727

■ 0.0000, 0.0243,
0.0000

120.2374,
128.8254, 134.2123

■ 0.0000, 0.0000,
0.0000

151.3421,

161.9348, 169.2575

187.3958,
200.2804, 209.9269

■ 17.0771, 18.6027,
18.6102

■ 17.0771, 18.6027,
18.6102

■ 15.3374, 17.7808,
15.1682

■ 19.0160, 19.5178,
22.5380

■ 13.7888, 17.0467,
12.1919

■ 21.1586, 20.5265,
26.9682

■ 12.4251, 16.3983,
9.6618

■ 23.5113, 21.6323,
31.9180

■ 11.2389, 15.8322,
7.5561

■ 26.0798, 22.8377,
37.4037

■ 10.2227, 15.3450,
5.8518

■ 28.8695, 24.1451,
43.4406

■ 9.3680, 14.9328,
4.5231

■ 31.8855, 25.5569,
50.0435

■ 8.6656, 14.5918,
3.5416

■ 35.1331, 27.0754,
57.2267

■ 8.1055, 14.3172,
2.8748

■ 38.6169, 28.7029,
65.0038

■ 7.6723, 14.1025,
2.4641

■ 42.3418, 30.4414,
73.3882

Harmonies

Analogous

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



17.4483, 18.6027, 18.0039



17.0771, 18.6027, 18.6102



16.8694, 18.6027, 19.6711

Triad

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



17.0771, 18.6027, 18.6102



17.4762, 18.6027, 22.7100



18.5111, 18.6027, 19.5924

Complementary

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



17.0771, 18.6027, 18.6102



17.0770, 17.3376, 20.5366

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.



18.5189, 18.6027, 20.8507



17.0771, 18.6027, 18.6102



17.9163, 18.6027, 22.6867

Square

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



17.0771, 18.6027, 18.6102



17.0972, 18.6027, 22.0566



18.2996, 18.6027, 21.9943



18.2786, 18.6027, 18.5546

Rectangle

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



17.0771, 18.6027, 18.6102



16.8493, 18.6027, 20.5098



18.2996, 18.6027, 21.9943



18.5402, 18.6027, 20.0026

Sweetspot

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



17.0776, 18.6035, 18.6106



31.8347, 33.9044, 35.8494



17.5082, 18.4506, 18.5584



7.2911, 7.7580, 8.2215



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.



17.0776, 18.6035, 18.6106



30.1263, 33.0979, 32.4180



16.8950, 18.5001, 19.0214



4.1284, 4.5380, 4.4388



8.0438, 15.0240, 2.4760



37.6314, 71.2851, 11.7760

Inverse Universe

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



17.0770, 17.3376, 20.5366



30.1250, 30.3123, 36.6560



17.2691, 17.4465, 20.1005



4.1282, 4.1515, 5.0269



7.8440, 3.6165, 19.6699



36.5476, 16.8030, 93.7868

Previews

White Background



This preview shows how the XYZ color 17.0771, 18.6027, 18.6102 looks on a white background.

Color Contrast Check

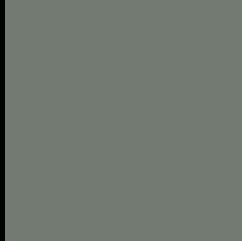
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0771, 18.6027, 18.6102 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

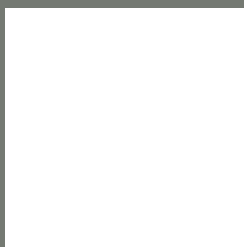
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0771, 18.6027, 18.6102

Background



This preview shows how black text looks on a background with the XYZ color 17.0771, 18.6027, 18.6102.



This preview shows how white text looks on a background with the XYZ color 17.0771, 18.6027,

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

17.0771, 18.6027, 18.6102

Protanopia

17.7458, 18.5969, 18.2770

Deuteranopia

18.7410, 18.4048, 18.7844



Tritanopia

17.9643, 18.6037, 23.0661

Trichromacy



Original Color

17.0771, 18.6027, 18.6102

Protanomaly

17.4428, 18.6183, 18.2971

Deuteranomaly

18.0600, 18.3960, 18.8186

Tritanomaly

17.6277, 18.6449, 21.4086

Monochromacy



Original Color

17.0771, 18.6027, 18.6102

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3986, 18.5688, 19.4968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0771, 18.6027, 18.6102 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(116, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(116, 121, 114)  
}
```

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(116, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 121, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.0771, 18.6027, 18.6102 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(116, 121, 114) }
```


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

```
.border{ border-color:rgb(116, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(116, 121,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0771, 18.6027, 18.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 121, 114) }
```

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

```
.background{ background-color: rgb(116,  
121, 114) }
```

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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