

Converting Colors

XYZ(16.2179, 16.7948, 17.5510)

Have a look what the booklet for
XYZ(16.2179, 16.7948, 17.5510)
contains.

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Color

**XYZ(16.2456, 16.8095,
17.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	76716F
RGB	118, 113, 111
RGB Percent	46%, 44%, 44%
CMY	0.5373, 0.5569, 0.5647
CMYK	0.00, 0.04, 0.06, 0.54
HSL	17°, 3%, 45%
HSV	17°, 6%, 46%
XYZ	16.2456, 16.8095, 17.4273
YIQ	114.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

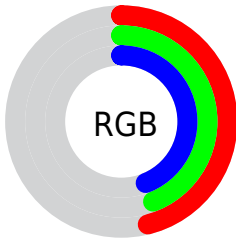
Format	Color
R_{YB}	118, 114, 111
Decimal	7762287
CIE _{Lab}	48.02, 1.54, 1.79
CIE _{LCh}	48, 2.359, 49.304
Yxy	16.8095, 0.3218, 0.3330
Android (android.graphics.Color)	4285952367 (0xFF76716F)
YUV	114.2670, -1.6106, 3.2738
Hunter-Lab	40.9994, -1.0201, 3.4976

Details

The XYZ color **16.2456, 16.8095, 17.4273** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0710, 17.1781, 19.6085**, and the grayscale version is **16.0787, 16.9161, 18.4216**.

A 20% lighter version of the original color is **36.6436, 38.1007, 40.0732**, and **5.3133, 5.4416, 5.4729** is the 20% darker color. If you saturate the color by 10%, you get **14.7417, 14.7736, 13.9294**, and if you desaturate by 10%, it is **17.9236, 19.0558, 21.4071**.

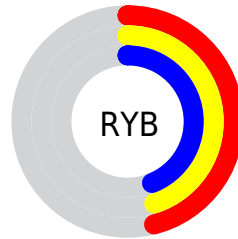
Distribution



Red (46%)

Green (44%)

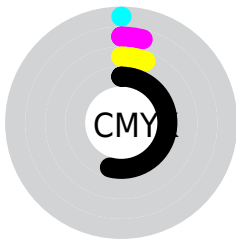
Blue (44%)



Red (46%)

Yellow (45%)

Blue (44%)

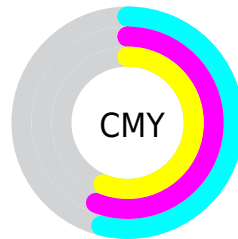


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2456, 16.8095, 17.4273 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 16.2456, 16.8095, 17.4273 by changing the saturation by 10% instead.

■ 16.2456, 16.8095,
17.4273

■ 16.2456, 16.8095,
17.4273

224.0286,
234.0722, 249.7497

■ 9.7901, 10.0988,
10.3744

■ 36.5781, 37.9979,
39.8597

■ 5.3212, 5.4645,
5.5391

■ 51.1857, 53.2445,
56.0763

■ 2.4736, 2.5223,
2.5027

■ 69.2414, 72.1050,
76.1845

■ 0.8820, 0.8878,
0.8416

■ 91.1106, 94.9640,
100.6030

■ 0.0000, 0.0000,
0.0000

117.1585,
122.2058, 129.7502

147.7506,

154.2148, 164.0447

183.2522,
191.3755, 203.9050

■ 16.2456, 16.8095,
17.4273

■ 16.2456, 16.8095,
17.4273

■ 14.7417, 14.7736,
13.9294

■ 17.9236, 19.0558,
21.4071

■ 13.4048, 12.9399,
10.8941

■ 19.7796, 21.5160,
25.8852

■ 12.2293, 11.3026,
8.3020

■ 21.8194, 24.1965,
30.8785

■ 11.2089, 9.8551,
6.1323

■ 24.0480, 27.1027,
36.4026

■ 10.3365, 8.5903,
4.3622

■ 26.4701, 30.2397,
42.4726

■ 9.6050, 7.5007,
2.9670

■ 29.0902, 33.6126,
49.1032

■ 9.0061, 6.5781,
1.9189

■ 31.9130, 37.2262,
56.3080

■ 8.5309, 5.8138,
1.1866

■ 34.9425, 41.0853,
64.1007

■ 8.1646, 5.1962,
0.7105

■ 38.1832, 45.1943,
72.4942

Harmonies

Analogous

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



16.3668, 16.8095, 17.9175



16.2456, 16.8095, 17.4273



16.0531, 16.8095, 17.1736

Triad

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



16.2456, 16.8095, 17.4273



15.5777, 16.8095, 18.0857



16.1128, 16.8095, 19.4327

Complementary

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



16.2456, 16.8095, 17.4273



16.0710, 17.1781, 19.6085

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.



15.9010, 16.8095, 19.4802



16.2456, 16.8095, 17.4273



15.5933, 16.8095, 18.6934

Square

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



16.2456, 16.8095, 17.4273



15.6683, 16.8095, 17.5481



15.7112, 16.8095, 19.2069



16.2896, 16.8095, 19.0786

Rectangle

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



16.2456, 16.8095, 17.4273



15.9108, 16.8095, 17.1689



15.7112, 16.8095, 19.2069



16.0433, 16.8095, 19.4854

Sweetspot

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



16.2461, 16.8102, 17.4277



29.6739, 31.0461, 33.2574



16.3093, 16.4821, 18.8501



6.8332, 7.1523, 7.6716



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



16.2461, 16.8102, 17.4277



28.2206, 29.0929, 29.8336



16.6420, 17.6020, 17.5596



3.8283, 3.9460, 4.0447



8.6840, 5.3692, 0.5787



41.6718, 24.8720, 2.6044

Inverse Universe

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



16.0710, 17.1781, 19.6085



27.8512, 29.8690, 34.4344



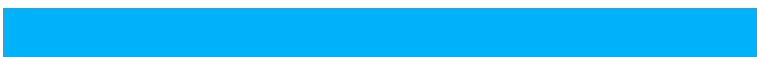
15.6772, 16.3905, 19.4772



3.7778, 4.0521, 4.6733



6.9779, 8.2955, 19.7760



33.2457, 38.9079, 96.1180

Previews

White Background



This preview shows how the XYZ color 16.2456, 16.8095, 17.4273 looks on a white background.

Color Contrast Check

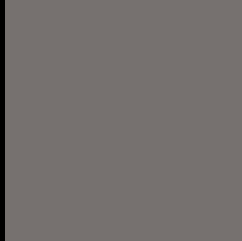
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2456, 16.8095, 17.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

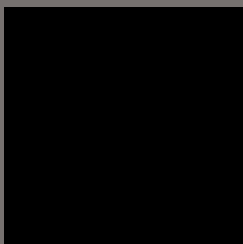
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

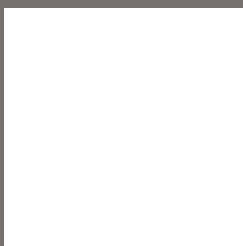
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2456, 16.8095, 17.4273

Background



This preview shows how black text looks on a background with the XYZ color 16.2456, 16.8095, 17.4273.



This preview shows how white text looks on a background with the XYZ color 16.2456, 16.8095,

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

16.2456, 16.8095, 17.4273

Protanopia

16.1105, 16.7399, 17.4209

Deuteranopia

17.1047, 16.7573, 17.6622



Tritanopia

16.7921, 16.8663, 20.1398

Trichromacy



Original Color

16.2456, 16.8095, 17.4273

Protanomaly

16.1105, 16.7399, 17.4209

Deuteranomaly

16.7774, 16.7497, 17.6780

Tritanomaly

16.6128, 16.7946, 19.1957

Monochromacy



Original Color

16.2456, 16.8095, 17.4273

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0682, 16.8717, 18.0325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2456, 16.8095, 17.4273 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(118, 113, 111)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 111)  
}
```

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(118, 113, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.2456, 16.8095, 17.4273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

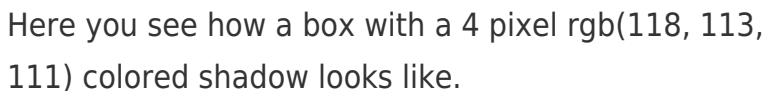
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 113, 111) }
```


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

```
.border{ border-color:rgb(118, 113, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 113, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 113, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 113, 111); box-shadow:4px 4px 4px 4px rgb(118, 113, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2456, 16.8095, 17.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 111) }
```

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

```
.background{ background-color: rgb(118,  
113, 111) }
```

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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