

Converting Colors

XYZ(15.7620, 16.1326, 17.1328)

Have a look what the booklet for
XYZ(15.7620, 16.1326, 17.1328)
contains.

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Color

**XYZ(15.7265, 16.0596,
17.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	756E6E
RGB	117, 110, 110
RGB Percent	46%, 43%, 43%
CMY	0.5412, 0.5686, 0.5686
CMYK	0.00, 0.06, 0.06, 0.54
HSL	0°, 3%, 45%
HSV	0°, 6%, 46%
XYZ	15.7265, 16.0596, 17.0228
YIQ	112.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

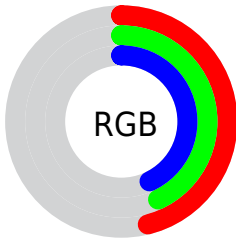
Format	Color
R_{YB}	117, 110, 110
Decimal	7695982
CIE Lab	47.05, 2.72, 0.97
CIE LCh	47, 2.884, 19.628
Yxy	16.0596, 0.3222, 0.3290
Android (android.graphics.Color)	4285886062 (0xFF756E6E)
YUV	112.0930, -1.0318, 4.3034
Hunter-Lab	40.0744, -0.0811, 2.8669

Details

The XYZ color **15.7265, 16.0596, 17.0228** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0024, 17.3215, 19.3296**, and the grayscale version is **15.4309, 16.2345, 17.6793**.

A 20% lighter version of the original color is **35.8041, 36.8843, 39.4147**, and **5.1290, 5.1791, 5.4320** is the 20% darker color. If you saturate the color by 10%, you get **13.9515, 13.4624, 13.4931**, and if you desaturate by 10%, it is **17.7531, 19.0250, 21.0518**.

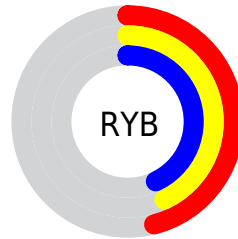
Distribution



Red (46%)

Green (43%)

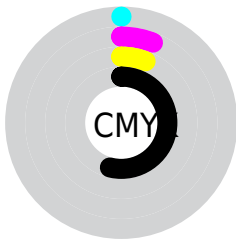
Blue (43%)



Red (46%)

Yellow (43%)

Blue (43%)

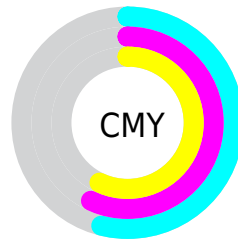


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7265, 16.0596, 17.0228 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 15.7265, 16.0596, 17.0228 by changing the saturation by 10% instead.

■ 15.7265, 16.0596,
17.0228

■ 15.7265, 16.0596,
17.0228

221.0247,
229.6931, 247.3521

■ 9.4204, 9.5663,
10.0886

■ 35.6840, 36.7016,
39.1562

■ 5.0757, 5.1124,
5.3514

■ 50.0662, 51.6192,
55.1924

■ 2.3270, 2.3134,
2.3925

■ 67.8712, 70.1137,
75.0998

■ 0.8084, 0.7808,
0.7824

■ 89.4642, 92.5694,
99.2968

■ 0.0000, 0.0000,
0.0000

115.2107,
119.3708, 128.2020

145.4761,

150.9023, 162.2339

180.6256,
187.5483, 201.8111

■ 15.7265, 16.0596,
17.0228

■ 15.7265, 16.0596,
17.0228

■ 13.9515, 13.4624,
13.4931

■ 17.7531, 19.0250,
21.0518

■ 12.4170, 11.2172,
10.4422

■ 20.0393, 22.3700,
25.5975

■ 11.1131, 9.3092,
7.8500

■ 22.5941, 26.1081,
30.6774

■ 10.0287, 7.7224,
5.6941

■ 25.4260, 30.2514,
36.3083

■ 9.1516, 6.4390,
3.9507

■ 28.5428, 34.8118,
42.5059

■ 8.4688, 5.4397,
2.5934

■ 31.9523, 39.8003,
49.2856

■ 7.9653, 4.7030,
1.5929

■ 35.6618, 45.2278,
56.6619

■ 7.6245, 4.2042,
0.9157

■ 39.6785, 51.1045,
64.6491

■ 7.4133, 3.8951,
0.4961

■ 44.0091, 57.4407,
73.2606

Harmonies

Analogous

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



15.7472, 16.0596, 17.7379



15.7265, 16.0596, 17.0228



15.5811, 16.0596, 16.4471

Triad

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



15.7265, 16.0596, 17.0228



14.8969, 16.0596, 16.6000



15.1768, 16.0596, 18.8913

Complementary

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



15.7265, 16.0596, 17.0228



16.0024, 17.3215, 19.3296

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.



14.9515, 16.0596, 18.5681



15.7265, 16.0596, 17.0228



14.7911, 16.0596, 17.2368

Square

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



15.7265, 16.0596, 17.0228



15.1015, 16.0596, 16.2077



14.8110, 16.0596, 17.9579



15.4280, 16.0596, 18.8301

Rectangle

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



15.7265, 16.0596, 17.0228



15.4340, 16.0596, 16.2136



14.8110, 16.0596, 17.9579



15.0956, 16.0596, 18.8237

Sweetspot

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



15.7270, 16.0603, 17.0231



29.5340, 30.7663, 33.2107



16.1231, 16.2183, 19.1104



6.8034, 7.0928, 7.6617



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.



15.7270, 16.0603, 17.0231



27.7579, 28.1675, 29.6794



16.1118, 16.8300, 17.1514



3.7651, 3.8197, 4.0237



8.0833, 4.1678, 0.3784



39.3895, 20.3074, 1.8437

Inverse Universe

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



16.0024, 17.3215, 19.3296



28.3456, 30.8576, 34.5991



15.6025, 16.5217, 19.1963



3.8454, 4.1872, 4.6958



10.5412, 15.4221, 20.9638



51.3673, 75.1512, 102.1586

Previews

White Background



This preview shows how the XYZ color 15.7265, 16.0596, 17.0228 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 15.7265, 16.0596, 17.0228 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 15.7265, 16.0596, 17.0228

Background



This preview shows how black text looks on a background with the XYZ color 15.7265, 16.0596, 17.0228.

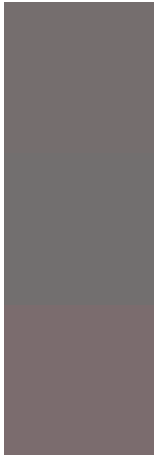


This preview shows how white text looks on a background with the XYZ color 15.7265, 16.0596,

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

15.7265, 16.0596, 17.0228

Protanopia

15.4931, 16.0940, 17.3288

Deuteranopia

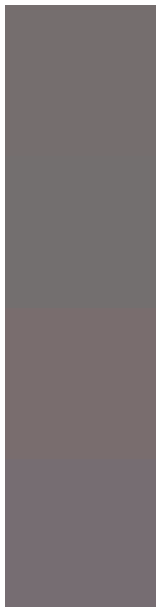
16.3454, 16.0619, 16.9906



Tritanopia

16.1507, 16.0732, 19.0808

Trichromacy



Original Color

15.7265, 16.0596, 17.0228

Protanomaly

15.6239, 16.1614, 17.3349

Deuteranomaly

16.1683, 16.1280, 17.0127

Tritanomaly

15.9771, 16.0037, 18.1665

Monochromacy



Original Color

15.7265, 16.0596, 17.0228

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4931, 16.0940, 17.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7265, 16.0596, 17.0228 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(117, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 110)  
}
```

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(117, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.7265, 16.0596, 17.0228 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(117, 110, 110) }
```


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

```
.border{ border-color:rgb(117, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7265, 16.0596, 17.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 110) }
```

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

```
.background{ background-color: rgb(117,  
110, 110) }
```

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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