

Converting Colors

XYZ(15.7566, 16.3600, 18.8503)

Have a look what the booklet for
XYZ(15.7566, 16.3600, 18.8503)
contains.

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Color

**XYZ(15.7566, 16.3600,
18.8503)**

Conversions

Conversions Part 1

Format	Color
Hex	717074
RGB	113, 112, 116
RGB Percent	44%, 44%, 45%
CMY	0.5569, 0.5608, 0.5451
CMYK	0.03, 0.03, 0.00, 0.55
HSL	255°, 2%, 45%
HSV	255°, 3%, 45%
XYZ	15.7566, 16.3600, 18.8503
YIQ	112.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

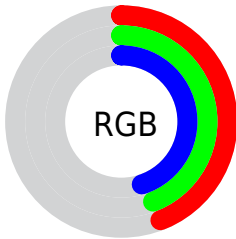
Format	Color
R_{YB}	113, 112, 116
Decimal	7434356
CIE Lab	47.44, 1.21, -2.08
CIE LCh	47, 2.408, 300.105
Yxy	16.3600, 0.3092, 0.3210
Android (android.graphics.Color)	4285624436 (0xFF717074)
YUV	112.7550, 1.5998, 0.2149
Hunter-Lab	40.4475, -1.2472, 0.6815

Details

The XYZ color **15.7566, 16.3600, 18.8503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2408, 17.3059, 17.8144**, and the grayscale version is **15.6194, 16.4328, 17.8954**.

A 20% lighter version of the original color is **35.8604, 37.3774, 42.3703**, and **5.0568, 5.2080, 6.2076** is the 20% darker color. If you saturate the color by 10%, you get **13.4917, 13.4136, 18.4012**, and if you desaturate by 10%, it is **18.2947, 19.6930, 19.3601**.

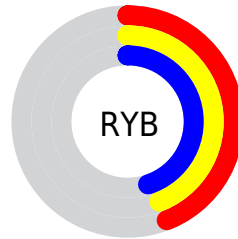
Distribution



Red (44%)

Green (44%)

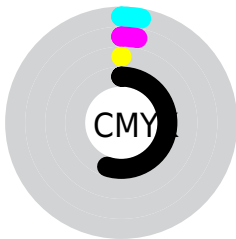
Blue (45%)



Red (44%)

Yellow (44%)

Blue (45%)

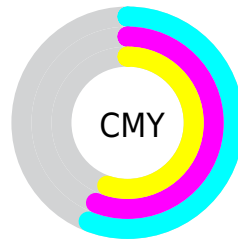


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7566, 16.3600, 18.8503 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 15.7566, 16.3600, 18.8503 by changing the saturation by 10% instead.

■ 15.7566, 16.3600,
18.8503

■ 15.7566, 16.3600,
18.8503

221.1999,
231.4567, 258.0162

■ 9.4418, 9.7793,
11.3864

■ 35.7360, 37.2221,
42.3143

■ 5.0899, 5.2528,
6.2100

■ 50.1313, 52.2722,
59.1515

■ 2.3354, 2.3964,
2.9023

■ 67.9509, 70.9142,
79.9503

■ 0.8127, 0.8240,
1.0450

■ 89.5601, 93.5325,
105.1292

■ 0.0000, 0.0000,
0.0000

115.3242,
120.5115, 135.1067

145.6087,

152.2356, 170.3013

180.7788,
189.0892, 211.1316

■ 15.7566, 16.3600,
18.8503

■ 15.7566, 16.3600,
18.8503

■ 13.4917, 13.4136,
18.4012

■ 18.2947, 19.6930,
19.3601

■ 11.4895, 10.8377,
18.0095

■ 21.1136, 23.4239,
19.9317

■ 9.7406, 8.6180,
17.6733

■ 24.2220, 27.5659,
20.5673

■ 8.2345, 6.7386,
17.3899

■ 27.6279, 32.1314,
21.2690

■ 6.9601, 5.1824,
17.1567

■ 31.3393, 37.1317,
22.0386

■ 5.9054, 3.9306,
16.9706

■ 35.3634, 42.5782,
22.8778

■ 5.0571, 2.9626,
16.8285

■ 39.7074, 48.4815,
23.7883

■ 4.4005, 2.2552,
16.7266

■ 44.3784, 54.8521,
24.7717

■ 3.9167, 1.7775,
16.6599

■ 49.3829, 61.7000,
25.8298

Harmonies

Analogous

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



15.5504, 16.3600, 19.0155



15.7566, 16.3600, 18.8503



15.9085, 16.3600, 18.4059

Triad

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



15.7566, 16.3600, 18.8503



15.7553, 16.3600, 16.8129



15.1426, 16.3600, 17.8154

Complementary

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



15.7566, 16.3600, 18.8503



16.2408, 17.3059, 17.8144

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.



15.1964, 16.3600, 17.2334



15.7566, 16.3600, 18.8503



15.5489, 16.3600, 16.6628

Square

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



15.7566, 16.3600, 18.8503



15.9077, 16.3600, 17.2298



15.3446, 16.3600, 16.8150



15.1971, 16.3600, 18.4098

Rectangle

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



15.7566, 16.3600, 18.8503



15.9578, 16.3600, 18.0161



15.3446, 16.3600, 16.8150



15.1486, 16.3600, 17.6119

Sweetspot

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



15.7571, 16.3607, 18.8507



28.7333, 30.1140, 33.3427



15.9734, 16.9829, 18.9593



6.8628, 7.1947, 7.9560



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.



15.7571, 16.3607, 18.8507



27.4225, 28.3991, 33.0808



16.0085, 16.4903, 18.8624



3.8370, 3.9670, 4.6537



4.0895, 1.6995, 18.6551



19.2505, 7.9325, 90.8768

Inverse Universe

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



16.0917, 16.5399, 18.5649



28.1201, 28.7727, 32.4835



15.9892, 17.1761, 17.8027



3.9451, 4.0248, 4.5610



10.0077, 4.9368, 10.5149



48.4134, 23.9155, 49.3675

Previews

White Background



This preview shows how the XYZ color 15.7566, 16.3600, 18.8503 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 15.7566, 16.3600, 18.8503 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

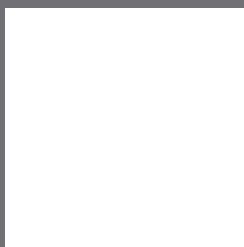
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7566, 16.3600, 18.8503

Background



This preview shows how black text looks on a background with the XYZ color 15.7566, 16.3600, 18.8503.



This preview shows how white text looks on a background with the XYZ color 15.7566, 16.3600,

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

15.7566, 16.3600, 18.8503

Protanopia

15.7566, 16.3600, 18.8503

Deuteranopia

16.5647, 16.2866, 19.1002



Tritanopia

16.0140, 16.3024, 20.0719

Trichromacy



Original Color

15.7566, 16.3600, 18.8503

Protanomaly

15.7566, 16.3600, 18.8503

Deuteranomaly

16.2580, 16.2878, 19.1166

Tritanomaly

15.9536, 16.2782, 19.7539

Monochromacy



Original Color

15.7566, 16.3600, 18.8503

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7524, 16.5359, 18.2811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7566, 16.3600, 18.8503 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(113, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 116)  
}
```

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(113, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.7566, 16.3600, 18.8503 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(113, 112, 116) }
```


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

```
.border{ border-color:rgb(113, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7566, 16.3600, 18.8503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 116) }
```

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

```
.background{ background-color: rgb(113,  
112, 116) }
```

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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