

Converting Colors

XYZ(16.2150, 16.5093, 18.6141)

Have a look what the booklet for
XYZ(16.2150, 16.5093, 18.6141)
contains.

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Color

**XYZ(16.1151, 16.3886,
18.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	756F73
RGB	117, 111, 115
RGB Percent	46%, 44%, 45%
CMY	0.5412, 0.5647, 0.5490
CMYK	0.00, 0.05, 0.02, 0.54
HSL	320°, 3%, 45%
HSV	320°, 5%, 46%
XYZ	16.1151, 16.3886, 18.5336
YIQ	113.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

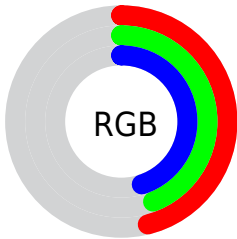
Format	Color
R_{YB}	117, 111, 115
Decimal	7696243
CIE Lab	47.48, 3.12, -1.39
CIE LCh	47, 3.412, 335.938
Yxy	16.3886, 0.3158, 0.3211
Android (android.graphics.Color)	4285886323 (0xFF756F73)
YUV	113.2500, 0.8628, 3.2888
Hunter-Lab	40.4828, 0.2110, 1.1942

Details

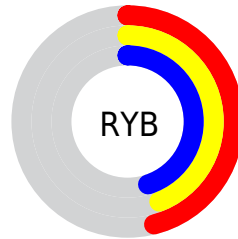
The XYZ color **16.1151, 16.3886, 18.5336** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8981, 17.2948, 18.1240**, and the grayscale version is **15.7677, 16.5889, 18.0653**.

A 20% lighter version of the original color is **36.4344, 37.4194, 41.8616**, and **5.2449, 5.2255, 6.0424** is the 20% darker color. If you saturate the color by 10%, you get **14.7015, 13.9130, 16.9781**, and if you desaturate by 10%, it is **17.7063, 19.2039, 20.1956**.

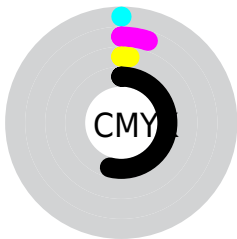
Distribution



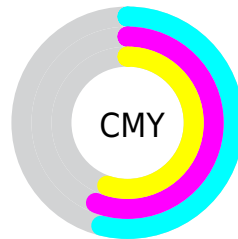
- Red (46%)
- Green (44%)
- Blue (45%)



- Red (46%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1151, 16.3886, 18.5336 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 16.1151, 16.3886, 18.5336 by changing the saturation by 10% instead.

■ 16.1151, 16.3886,
18.5336

■ 16.1151, 16.3886,
18.5336

223.2770,
231.6240, 256.1981

■ 9.6970, 9.7996,
11.1604

■ 36.3537, 37.2715,
41.7706

■ 5.2592, 5.2663,
6.0593

■ 50.9050, 52.3342,
58.4715

■ 2.4365, 2.4043,
2.8118

■ 68.8980, 70.9902,
79.1187

■ 0.8633, 0.8281,
0.9994

■ 90.6982, 93.6239,
104.1307

■ 0.0000, 0.0000,
0.0000

116.6708,
120.6198, 133.9262

147.1812,

152.3621, 168.9235

182.5948,
189.2354, 209.5413

■ 16.1151, 16.3886,
18.5336

■ 16.1151, 16.3886,
18.5336

■ 14.7015, 13.9130,
16.9781

■ 17.7063, 19.2039,
20.1956

■ 13.4577, 11.7621,
15.5254

■ 19.4801, 22.3690,
21.9657

■ 12.3770, 9.9227,
14.1728

■ 21.4427, 25.8962,
23.8467

■ 11.4521, 8.3800,
12.9172

■ 23.5998, 29.7967,
25.8412

■ 10.6748, 7.1182,
11.7554

■ 25.9568, 34.0811,
27.9513

■ 10.0363, 6.1198,
10.6838

■ 28.5188, 38.7595,
30.1795

■ 9.5267, 5.3651,
9.6984

■ 31.2910, 43.8417,
32.5278

■ 9.1349, 4.8322,
8.7950

■ 34.2780, 49.3373,
34.9983

■ 8.8419, 4.4832,
7.9664

■ 37.4845, 55.2553,
37.5932

Harmonies

Analogous

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



15.9214, 16.3886, 19.2302



16.1151, 16.3886, 18.5336



16.1638, 16.3886, 17.6723

Triad

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



16.1151, 16.3886, 18.5336



15.5167, 16.3886, 16.2352



15.1098, 16.3886, 18.8420

Complementary

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



16.1151, 16.3886, 18.5336



15.8981, 17.2948, 18.1240

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.



15.0044, 16.3886, 18.0176



16.1151, 16.3886, 18.5336



15.2373, 16.3886, 16.5269

Square

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



16.1151, 16.3886, 18.5336



15.8157, 16.3886, 16.3634



15.0508, 16.3886, 17.1725



15.3405, 16.3886, 19.4122

Rectangle

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



16.1151, 16.3886, 18.5336



16.1069, 16.3886, 17.1243



15.0508, 16.3886, 17.1725



15.0586, 16.3886, 18.5844

Sweetspot

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



16.1156, 16.3893, 18.5340



29.6995, 30.8322, 34.0829



15.7060, 16.1647, 19.1223



6.8386, 7.1068, 7.8469



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.



16.1156, 16.3893, 18.5340



28.5830, 28.8644, 32.8932



15.9458, 16.3214, 17.6399



3.8732, 3.9067, 4.4577



9.5899, 4.7697, 8.3146



46.3232, 23.0794, 38.3608

Inverse Universe

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



16.1156, 16.3893, 18.5340



28.5830, 28.8644, 32.8932



16.0698, 17.3635, 19.0279



3.8732, 3.9067, 4.4577



9.5899, 4.7697, 8.3146



46.3232, 23.0794, 38.3608

Previews

White Background



This preview shows how the XYZ color 16.1151, 16.3886, 18.5336 looks on a white background.

Color Contrast Check

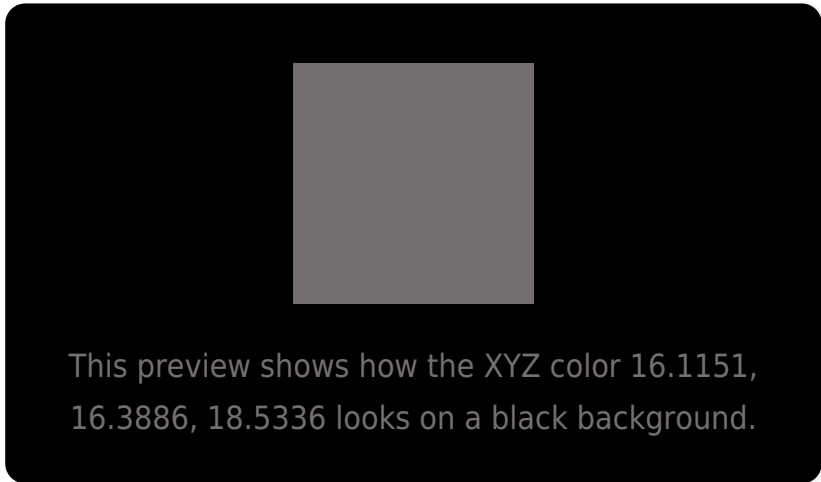
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

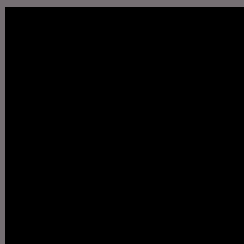
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1151, 16.3886, 18.5336

Background



This preview shows how black text looks on a background with the XYZ color 16.1151, 16.3886, 18.5336.



This preview shows how white text looks on a background with the XYZ color 16.1151, 16.3886,

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

16.1151, 16.3886, 18.5336

Protanopia

15.8860, 16.4267, 18.8564

Deuteranopia

16.5892, 16.3127, 18.4940



Tritanopia

16.3769, 16.3353, 19.7426

Trichromacy



Original Color

16.1151, 16.3886, 18.5336

Protanomaly

16.0168, 16.4941, 18.8625

Deuteranomaly

16.4162, 16.3827, 18.5166

Tritanomaly

16.3172, 16.3114, 19.4280

Monochromacy



Original Color

16.1151, 16.3886, 18.5336

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7709, 16.3807, 18.2502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1151, 16.3886, 18.5336 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, 111, 115)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 115)  
}
```

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, 111, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.1151, 16.3886, 18.5336 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, 111, 115) }
```


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

```
.border{ border-color:rgb(117, 111, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 111, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 115);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1151, 16.3886, 18.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 111, 115) }
```

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

```
.background{ background-color: rgb(117,  
111, 115) }
```

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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