

Converting Colors

XYZ(16.6247, 16.7015, 18.6312)

Have a look what the booklet for
XYZ(16.6247, 16.7015, 18.6312)
contains.

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Color

**XYZ(16.5247, 16.5998,
18.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	786F73
RGB	120, 111, 115
RGB Percent	47%, 44%, 45%
CMY	0.5294, 0.5647, 0.5490
CMYK	0.00, 0.07, 0.04, 0.53
HSL	333°, 4%, 45%
HSV	333°, 7%, 47%
XYZ	16.5247, 16.5998, 18.5528
YIQ	114.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

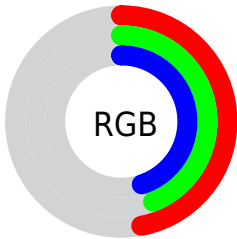
Format	Color
R_{YB}	120, 111, 115
Decimal	7892851
CIE Lab	47.75, 4.27, -0.96
CIE LCh	48, 4.377, 347.313
Yxy	16.5998, 0.3198, 0.3212
Android (android.graphics.Color)	4286082931 (0xFF786F73)
YUV	114.1470, 0.4205, 5.1331
Hunter-Lab	40.7429, 1.0970, 1.5215

Details

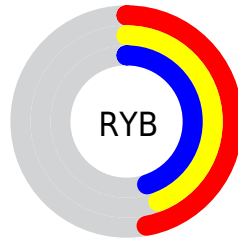
The XYZ color **16.5247, 16.5998, 18.5528** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4251, 18.0738, 19.1468**, and the grayscale version is **16.0367, 16.8718, 18.3734**.

A 20% lighter version of the original color is **37.0855, 37.7551, 41.8921**, and **5.4631, 5.3380, 6.0526** is the 20% darker color. If you saturate the color by 10%, you get **14.9325, 14.0072, 16.1969**, and if you desaturate by 10%, it is **18.3216, 19.5568, 21.1143**.

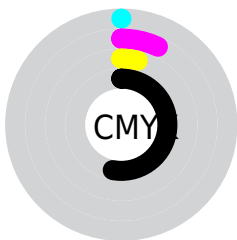
Distribution



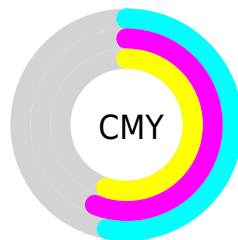
- Red (47%)
- Green (44%)
- Blue (45%)



- Red (47%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5247, 16.5998, 18.5528 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 16.5247, 16.5998, 18.5528 by changing the saturation by 10% instead.

■ 16.5247, 16.5998,
18.5528

■ 16.5247, 16.5998,
18.5528

225.6283,
232.8555, 256.3086

■ 9.9894, 9.9496,
11.1741

■ 37.0569, 37.6364,
41.8036

■ 5.4541, 5.3655,
6.0684

■ 51.7845, 52.7916,
58.5128

■ 2.5536, 2.4633,
2.8173

■ 69.9735, 71.5505,
79.1692

■ 0.9224, 0.8582,
1.0021

■ 91.9894, 94.2976,
104.1914

■ 0.0000, 0.0000,
0.0000

118.1975,
121.4172, 133.9979

148.9631,

153.2938, 169.0072

184.6516,
190.3118, 209.6380

■ 16.5247, 16.5998,
18.5528

■ 16.5247, 16.5998,
18.5528

■ 14.9325, 14.0072,
16.1969

■ 18.3216, 19.5568,
21.1143

■ 13.5359, 11.7627,
14.0402

■ 20.3288, 22.8894,
23.8854

■ 12.3275, 9.8518,
12.0773

■ 22.5537, 26.6111,
26.8716

■ 11.2985, 8.2585,
10.3023

■ 25.0026, 30.7338,
30.0776

■ 10.4398, 6.9650,
8.7089

■ 27.6819, 35.2693,
33.5081

■ 9.7411, 5.9522,
7.2904

■ 30.5974, 40.2285,
37.1674

■ 9.1911, 5.1984,
6.0395

■ 33.7549, 45.6222,
41.0601

■ 8.7767, 4.6789,
4.9483

■ 37.1599, 51.4607,
45.1903

■ 8.4677, 4.3340,
4.0029

■ 40.8178, 57.7539,
49.5621

Harmonies

Analogous

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



16.3384, 16.5998, 19.5783



16.5247, 16.5998, 18.5528



16.5085, 16.5998, 17.4393

Triad

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



16.5247, 16.5998, 18.5528



15.5543, 16.5998, 16.0902



15.2719, 16.5998, 19.7086

Complementary

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



16.5247, 16.5998, 18.5528



16.4251, 18.0738, 19.1468

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.



15.0687, 16.5998, 18.7246



16.5247, 16.5998, 18.5528



15.2298, 16.5998, 16.6495

Square

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



16.5247, 16.5998, 18.5528



15.9438, 16.5998, 16.0485



15.0534, 16.5998, 17.6042



15.6126, 16.5998, 20.2640

Rectangle

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



16.5247, 16.5998, 18.5528



16.3849, 16.5998, 16.7967



15.0534, 16.5998, 17.6042



15.1855, 16.5998, 19.4152

Sweetspot

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



16.5252, 16.6005, 18.5532



30.7409, 31.9495, 35.0405



16.2711, 16.4354, 20.0843



7.2967, 7.5906, 8.3205



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.



16.5252, 16.6005, 18.5532



28.5568, 28.3665, 31.8920



16.3492, 16.6089, 17.3840



4.0654, 4.0419, 4.5421



9.1522, 4.6370, 4.0923



43.2419, 21.9531, 17.3357

Inverse Universe

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



16.5252, 16.6005, 18.5532



28.5568, 28.3665, 31.8920



16.6087, 18.0609, 20.3803



4.0654, 4.0419, 4.5421



9.1522, 4.6370, 4.0923



43.2419, 21.9531, 17.3357

Previews

White Background



This preview shows how the XYZ color 16.5247, 16.5998, 18.5528 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 16.5247, 16.5998, 18.5528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

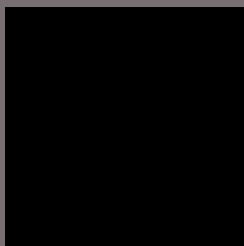
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5247, 16.5998, 18.5528

Background



This preview shows how black text looks on a background with the XYZ color 16.5247, 16.5998, 18.5528.



This preview shows how white text looks on a background with the XYZ color 16.5247, 16.5998,

18.5528.

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

16.5247, 16.5998, 18.5528

Protanopia

16.1277, 16.7160, 18.8995

Deuteranopia

16.8388, 16.6006, 18.5364



Tritanopia

16.7909, 16.5487, 19.7620

Trichromacy



Original Color

16.5247, 16.5998, 18.5528

Protanomaly

16.2827, 16.6312, 18.8750

Deuteranomaly

16.6965, 16.5272, 18.5297

Tritanomaly

16.7311, 16.5248, 19.4473

Monochromacy



Original Color

16.5247, 16.5998, 18.5528

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1448, 16.7382, 18.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5247, 16.5998, 18.5528 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(120, 111, 115)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 111, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.5247, 16.5998, 18.5528 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(120, 111, 115) }
```


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

```
.border{ border-color:rgb(120, 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(120, 111, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 111, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 111, 115);  
box-shadow:4px 4px 4px 4px rgb(120, 111,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5247, 16.5998, 18.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 111, 115) }
```

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

```
.background{ background-color: rgb(120,  
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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