

Converting Colors

XYZ(16.7038, 16.7088, 21.1852)

Have a look what the booklet for
XYZ(16.7038, 16.7088, 21.1852)
contains.

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Color

**XYZ(16.5957, 16.5808,
21.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	756F7B
RGB	117, 111, 123
RGB Percent	46%, 44%, 48%
CMY	0.5412, 0.5647, 0.5176
CMYK	0.05, 0.10, 0.00, 0.52
HSL	270°, 5%, 46%
HSV	270°, 10%, 48%
XYZ	16.5957, 16.5808, 21.0646
YIQ	114.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

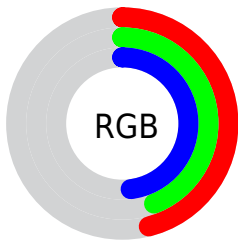
Format	Color
R_{YB}	117, 111, 123
Decimal	7696251
CIE _{Lab}	47.73, 4.77, -5.80
CIE _{LCh}	48, 7.510, 309.476
Yxy	16.5808, 0.3060, 0.3057
Android (android.graphics.Color)	4285886331 (0xFF756F7B)
YUV	114.1620, 4.3571, 2.4889
Hunter-Lab	40.7195, 1.4905, -2.1676

Details

The XYZ color **16.5957, 16.5808, 21.0646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2888, 19.0959, 17.8143**, and the grayscale version is **16.0306, 16.8654, 18.3665**.

A 20% lighter version of the original color is **37.1972, 37.7245, 45.8785**, and **5.4678, 5.3146, 7.2162** is the 20% darker color. If you saturate the color by 10%, you get **14.5457, 13.6673, 20.6105**, and if you desaturate by 10%, it is **18.8859, 19.8934, 21.5835**.

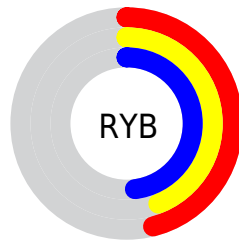
Distribution



Red (46%)

Green (44%)

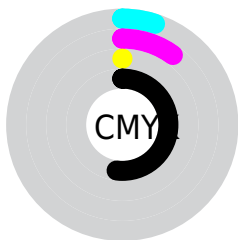
Blue (48%)



Red (46%)

Yellow (44%)

Blue (48%)

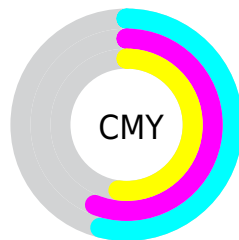


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (54%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5957, 16.5808, 21.0646 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 16.5957, 16.5808, 21.0646 by changing the saturation by 10% instead.

■ 16.5957, 16.5808,
21.0646

■ 16.5957, 16.5808,
21.0646

226.0336,
232.7449, 270.4139

■ 10.0402, 9.9361,
12.9795

■ 37.1785, 37.6036,
46.0772

■ 5.4881, 5.3566,
7.2839

■ 51.9364, 52.7505,
63.8418

■ 2.5740, 2.4580,
3.5591

■ 70.1593, 71.5002,
85.6700

■ 0.9327, 0.8555,
1.3867

■ 92.2123, 94.2371,
111.9804

■ 0.0000, 0.0000,
0.1313

118.4609,
121.3456, 143.1914

■ 0.0000, 0.0000,
0.0000

149.2704,

153.2102, 179.7216

185.0062,
190.2152, 221.9896

■ 16.5957, 16.5808,
21.0646

■ 16.5957, 16.5808,
21.0646

■ 14.5457, 13.6673,
20.6105

■ 18.8859, 19.8934,
21.5835

■ 12.7257, 11.1352,
20.2177

■ 21.4228, 23.6175,
22.1687

■ 11.1273, 8.9687,
19.8838

■ 24.2146, 27.7679,
22.8226

■ 9.7407, 7.1498,
19.6058

■ 27.2686, 32.3579,
23.5476

■ 8.5553, 5.6592,
19.3805

■ 30.5919, 37.3999,
24.3457

7.5596, 4.4756,
19.2046

34.1912, 42.9063,
25.2188

6.7407, 3.5749,
19.0739

38.0731, 48.8887,
26.1689

6.0838, 2.9295,
18.9839

42.2437, 55.3583,
27.1979

5.5430, 2.4494,
18.9198

46.7093, 62.3261,
28.3074

Harmonies

Analogous

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



15.9733, 16.5808, 21.9568



16.5957, 16.5808, 21.0646



17.0014, 16.5808, 19.3829

Triad

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



16.5957, 16.5808, 21.0646



16.2171, 16.5808, 14.8039



14.5186, 16.5808, 18.6700

Complementary

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



16.5957, 16.5808, 21.0646



17.2888, 19.0959, 17.8143

Split Complementary

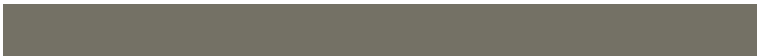
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.5797, 16.5808, 16.7866



16.5957, 16.5808, 21.0646



15.5477, 16.5808, 14.6429

Square

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



16.5957, 16.5808, 21.0646



16.7785, 16.5808, 15.8009



14.9520, 16.5808, 15.3443



14.7827, 16.5808, 20.5109

Rectangle

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



16.5957, 16.5808, 21.0646



17.0878, 16.5808, 18.0876



14.9520, 16.5808, 15.3443



14.5020, 16.5808, 18.0198

Sweetspot

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



16.5962, 16.5815, 21.0650



32.4101, 33.5744, 38.3289



16.5159, 17.5794, 21.2618



7.5617, 7.8038, 9.0108



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.5962, 16.5815, 21.0650



28.7464, 28.3008, 37.5041



17.3998, 16.9958, 21.1026



3.9708, 3.9828, 5.0027



5.7147, 2.5188, 19.5703



26.2779, 11.5088, 93.3062

Inverse Universe

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



17.0642, 16.8649, 19.1862



29.7942, 28.9351, 33.2979



16.5335, 18.7065, 17.7790



4.0741, 4.0454, 4.5878



9.3329, 4.7093, 5.0439



44.0892, 22.2920, 21.7976

Previews

White Background



This preview shows how the XYZ color 16.5957, 16.5808, 21.0646 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 16.5957, 16.5808, 21.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

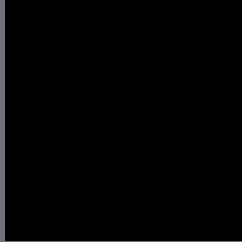
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5957, 16.5808, 21.0646

Background



This preview shows how black text looks on a background with the XYZ color 16.5957, 16.5808, 21.0646.

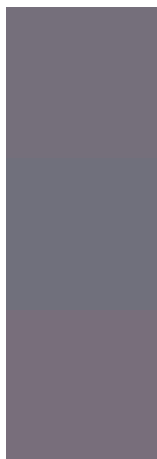


This preview shows how white text looks on a background with the XYZ color 16.5957, 16.5808,

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

16.5957, 16.5808, 21.0646

Protanopia

16.1144, 16.4883, 21.4020

Deuteranopia

16.8968, 16.5750, 21.0476



Tritanopia

16.4107, 16.5069, 20.0905

Trichromacy



Original Color

16.5957, 16.5808, 21.0646

Protanomaly

16.3717, 16.6210, 21.4141

Deuteranomaly

16.7588, 16.5039, 21.0412

Tritanomaly

16.4717, 16.5313, 20.4119

Monochromacy



Original Color

16.5957, 16.5808, 21.0646

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1862, 16.7394, 19.2076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5957, 16.5808, 21.0646 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 123) }
```

Border

The CSS property to change the border of an element to XYZ 16.5957, 16.5808, 21.0646 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, 123) }
```


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

```
.border{ border-color:rgb(117, 111, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 123);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5957, 16.5808, 21.0646 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, 123) }
```

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

```
.background{ background-color: rgb(117,  
111, 123) }
```

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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