

Converting Colors

XYZ(15.9549, 15.3469, 16.6176)

Have a look what the booklet for
XYZ(15.9549, 15.3469, 16.6176)
contains.

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Color

**XYZ(15.9803, 15.4182,
16.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	7B696D
RGB	123, 105, 109
RGB Percent	48%, 41%, 43%
CMY	0.5176, 0.5882, 0.5725
CMYK	0.00, 0.15, 0.11, 0.52
HSL	347°, 8%, 45%
HSV	347°, 15%, 48%
XYZ	15.9803, 15.4182, 16.6018
YIQ	110.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

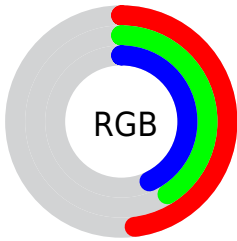
Format	Color
R_{YB}	123, 105, 109
Decimal	8087917
CIE Lab	46.20, 7.85, 0.40
CIE LCh	46, 7.863, 2.898
Yxy	15.4182, 0.3329, 0.3212
Android (android.graphics.Color)	4286277997 (0xFF7B696D)
YUV	110.8380, -0.9061, 10.6661
Hunter-Lab	39.2660, 3.9296, 2.4182

Details

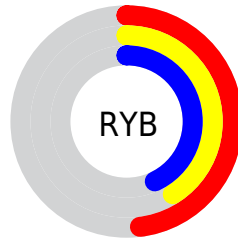
The XYZ color **15.9803, 15.4182, 16.6018** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2390, 18.5015, 20.1689**, and the grayscale version is **15.0634, 15.8479, 17.2584**.

A 20% lighter version of the original color is **36.1381, 35.5451, 38.2139**, and **5.2066, 4.8298, 5.2152** is the 20% darker color. If you saturate the color by 10%, you get **14.3297, 12.8968, 13.6473**, and if you desaturate by 10%, it is **17.8691, 18.3259, 19.9127**.

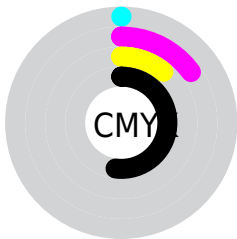
Distribution



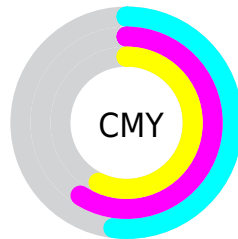
- Red (48%)
- Green (41%)
- Blue (43%)



- Red (48%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9803, 15.4182, 16.6018 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 15.9803, 15.4182, 16.6018 by changing the saturation by 10% instead.

■ 15.9803, 15.4182,
16.6018

■ 15.9803, 15.4182,
16.6018

222.4981,
225.8837, 244.8329

■ 9.6010, 9.1134,
9.7920

■ 36.1217, 35.5852,
38.4211

■ 5.1954, 4.8152,
5.1575

■ 50.6145, 50.2161,
54.2677

■ 2.3983, 2.1393,
2.2796

■ 68.5425, 68.3913,
73.9636

■ 0.8443, 0.6866,
0.7198

■ 90.2711, 90.4951,
97.9275

■ 0.0000, 0.0000,
0.0000

116.1656,
116.9118, 126.5778

146.5914,

148.0259, 160.3331

181.9137,
184.2217, 199.6120

■ 15.9803, 15.4182,
16.6018

■ 15.9803, 15.4182,
16.6018

■ 14.3297, 12.8968,
13.6473

■ 17.8691, 18.3259,
19.9127

■ 12.9065, 10.7434,
11.0363

■ 20.0037, 21.6330,
23.5904

■ 11.7008, 8.9413,
8.7564

■ 22.3931, 25.3546,
27.6463

■ 10.7018, 7.4717,
6.7941

■ 25.0455, 29.5045,
32.0906

■ 9.8974, 6.3142,
5.1349

■ 27.9685, 34.0956,
36.9335

■ 9.2745, 5.4459,
3.7635

■ 31.1696, 39.1406,
42.1846

■ 8.8181, 4.8408,
2.6626

■ 34.6559, 44.6513,
47.8533

■ 8.5072, 4.4611,
1.8122

■ 38.4342, 50.6395,
53.9486

■ 8.3701, 4.2917,
1.4439

■ 42.5113, 57.1161,
60.4792

Harmonies

Analogous

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



15.8325, 15.4182, 18.5268



15.9803, 15.4182, 16.6018



15.7640, 15.4182, 14.8610

Triad

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



15.9803, 15.4182, 16.6018



13.9653, 15.4182, 13.8743



14.0750, 15.4182, 20.2941

Complementary

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



15.9803, 15.4182, 16.6018



16.2390, 18.5015, 20.1689

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.



13.5984, 15.4182, 18.8743



15.9803, 15.4182, 16.6018



13.5365, 15.4182, 15.1611

Square

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



15.9803, 15.4182, 16.6018



14.5894, 15.4182, 13.3634



13.4042, 15.4182, 16.9752



14.7198, 15.4182, 20.7522

Rectangle

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



15.9803, 15.4182, 16.6018



15.4461, 15.4182, 14.0116



13.4042, 15.4182, 16.9752



13.8904, 15.4182, 19.9084

Sweetspot

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



15.9807, 15.4189, 16.6021



32.1914, 33.1145, 35.9930



16.2076, 15.4417, 20.8655



7.5259, 7.7130, 8.3802



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.



15.9807, 15.4189, 16.6021



27.4414, 25.8105, 27.6399



16.2731, 16.3402, 15.6616



4.0314, 4.0283, 4.3630



8.6568, 4.4389, 1.4839



41.0238, 21.0659, 5.6556

Inverse Universe

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



15.9807, 15.4189, 16.6021



27.4414, 25.8105, 27.6399



15.9034, 17.4379, 21.2668



4.0314, 4.0283, 4.3630



8.6568, 4.4389, 1.4839



41.0238, 21.0659, 5.6556

Previews

White Background



This preview shows how the XYZ color 15.9803, 15.4182, 16.6018 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 15.9803, 15.4182, 16.6018 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 15.9803, 15.4182, 16.6018

Background



This preview shows how black text looks on a background with the XYZ color 15.9803, 15.4182, 16.6018.



This preview shows how white text looks on a background with the XYZ color 15.9803, 15.4182,

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

15.9803, 15.4182, 16.6018

Protanopia

14.8934, 15.4645, 17.2389

Deuteranopia

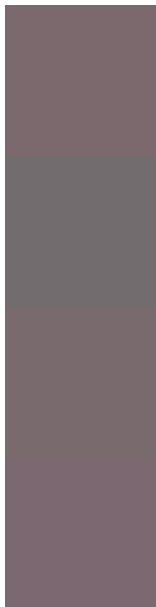
15.6601, 15.4053, 16.6161



Tritanopia

16.0993, 15.3038, 17.7282

Trichromacy



Original Color

15.9803, 15.4182, 16.6018

Protanomaly

15.2473, 15.4958, 16.9392

Deuteranomaly

15.7995, 15.4771, 16.6227

Tritanomaly

16.0433, 15.2814, 17.4333

Monochromacy



Original Color

15.9803, 15.4182, 16.6018

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3533, 15.7079, 16.9746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9803, 15.4182, 16.6018 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(123, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 105, 109)  
}
```

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(123, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 105, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.9803, 15.4182, 16.6018 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(123, 105, 109) }
```


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

```
.border{ border-color:rgb(123, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(123, 105,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9803, 15.4182, 16.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 105, 109) }
```

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

```
.background{ background-color: rgb(123,  
105, 109) }
```

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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