

Converting Colors

XYZ(15.7886, 18.4751, 15.8535)

Have a look what the booklet for
XYZ(15.7886, 18.4751, 15.8535)
contains.

XYZ(15.8907, 18.6029, 15.8499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8907, 18.6029,
15.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7C68
RGB	108, 124, 104
RGB Percent	42%, 49%, 41%
CMY	0.5765, 0.5137, 0.5922
CMYK	0.13, 0.00, 0.16, 0.51
HSL	108°, 9%, 45%
HSV	108°, 16%, 49%
XYZ	15.8907, 18.6029, 15.8499
YIQ	116.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

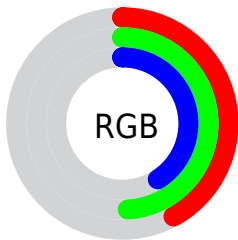
Format	Color
RYB	104, 124, 120
Decimal	7109736
CIELab	50.22, -9.98, 8.96
CIELCh	50, 13.414, 138.078
Yxy	18.6029, 0.3156, 0.3695
Android (android.graphics.Color)	4285299816 (0xFF6C7C68)
YUV	116.9360, -6.3774, -7.8369
Hunter-Lab	43.1311, -9.7150, 8.4037

Details

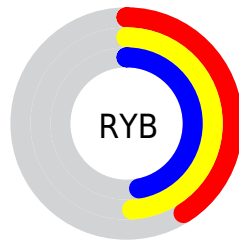
The XYZ color **15.8907, 18.6029, 15.8499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3348, 15.3494, 21.1715**, and the grayscale version is **16.9089, 17.7895, 19.3728**.

A 20% lighter version of the original color is **36.1357, 41.2844, 37.0745**, and **5.1181, 6.2882, 4.8149** is the 20% darker color. If you saturate the color by 10%, you get **14.1680, 17.7829, 12.7197**, and if you desaturate by 10%, it is **17.8443, 19.5324, 19.4753**.

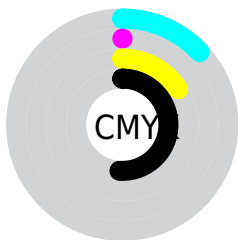
Distribution



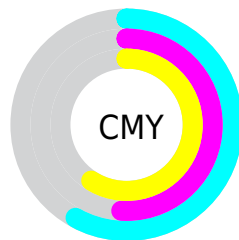
- Red (42%)
- Green (49%)
- Blue (41%)



- Red (41%)
- Yellow (49%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8907, 18.6029, 15.8499 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 15.8907, 18.6029, 15.8499 by changing the saturation by 10% instead.

■ 15.8907, 18.6029,
15.8499

■ 15.8907, 18.6029,
15.8499

221.9790,
244.2477, 240.2698

■ 9.5372, 11.3837,
9.2648

■ 35.9673, 41.0620,
37.1006

■ 5.1531, 6.3255,
4.8151

■ 50.4212, 57.0707,
52.6032

■ 2.3730, 3.0440,
2.0824

■ 68.3058, 76.7780,
71.9155

■ 0.8317, 1.1548,
0.6052

■ 89.9867, 100.5683,
95.4559

■ 0.0000, 0.0243,
0.0000

115.8291,
128.8261, 123.6430

■ 0.0000, 0.0000,
0.0000

146.1983,

161.9356, 156.8953

181.4599,
200.2814, 195.6314

■ 15.8907, 18.6029,
15.8499

■ 15.8907, 18.6029,
15.8499

■ 14.1680, 17.7829,
12.7197

■ 17.8443, 19.5324,
19.4753

■ 12.6663, 17.0660,
10.0619

■ 20.0356, 20.5727,
23.6147

■ 11.3767, 16.4487,
7.8541

■ 22.4727, 21.7281,
28.2876

■ 10.2895, 15.9266,
6.0713

■ 25.1631, 23.0022,
33.5121

■ 9.3941, 15.4947,
4.6861

■ 28.1138, 24.3982,
39.3051

■ 8.6788, 15.1478,
3.6680

■ 31.3317, 25.9192,
45.6834

■ 8.1308, 14.8798,
2.9821

■ 34.8232, 27.5683,
52.6625

■ 7.7308, 14.6825,
2.5643

■ 38.5947, 29.3484,
60.2577

■ 7.6039, 14.6201,
2.4212

■ 42.6522, 31.2623,
68.4836

Harmonies

Analogous

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



16.9191, 18.6029, 14.1980



15.8907, 18.6029, 15.8499



15.3527, 18.6029, 18.8160

Triad

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



15.8907, 18.6029, 15.8499



17.1715, 18.6029, 28.0749



20.1589, 18.6029, 18.1197

Complementary

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



15.8907, 18.6029, 15.8499



16.3348, 15.3494, 21.1715

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.



20.2346, 18.6029, 21.7664



15.8907, 18.6029, 15.8499



18.4664, 18.6029, 27.8289

Square

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



15.8907, 18.6029, 15.8499



16.0677, 18.6029, 26.0457



19.6020, 18.6029, 25.4098



19.3999, 18.6029, 15.3940

Rectangle

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



15.8907, 18.6029, 15.8499



15.3263, 18.6029, 21.2753



19.6020, 18.6029, 25.4098



20.2664, 18.6029, 19.2686

Sweetspot

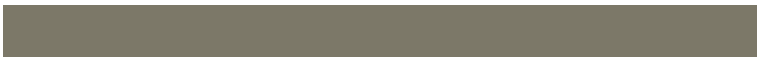
The Sweet Spot groups the original color and five complimentary colors.



15.8912, 18.6037, 15.8503



31.7711, 34.5469, 34.9653



17.5281, 18.7183, 15.7862



7.4323, 8.1124, 8.1406



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.



15.8912, 18.6037, 15.8503



26.9124, 32.2362, 25.9674



15.7316, 18.4849, 17.4911



4.0189, 4.4850, 4.2784



7.7279, 14.8611, 2.4612



36.2913, 70.5943, 11.7133

Inverse Universe

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



16.3348, 15.3494, 21.1715



27.8323, 25.4835, 37.0085



16.5331, 15.4942, 19.2595



4.0797, 4.0390, 5.0078



8.9499, 4.1866, 19.7217



41.9899, 19.6086, 94.0415

Previews

White Background



This preview shows how the XYZ color 15.8907, 18.6029, 15.8499 looks on a white 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

Black Background



This preview shows how the XYZ color 15.8907, 18.6029, 15.8499 looks on a black 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

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

XYZ 15.8907, 18.6029, 15.8499

Background



This preview shows how black text looks on a background with the XYZ color 15.8907, 18.6029, 15.8499.



This preview shows how white text looks on a background with the XYZ color 15.8907, 18.6029,

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

15.8907, 18.6029, 15.8499

Protanopia

17.4032, 18.4932, 14.9642

Deuteranopia

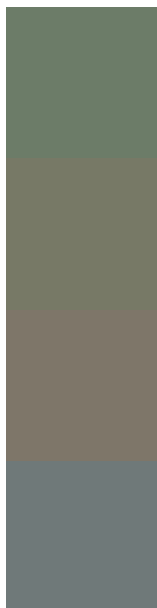
18.8856, 18.5363, 16.2182



Tritanopia

17.4278, 18.4894, 23.7694

Trichromacy



Original Color

15.8907, 18.6029, 15.8499

Protanomaly

16.8434, 18.5560, 15.2643

Deuteranomaly

17.6324, 18.4124, 15.9892

Tritanomaly

16.8441, 18.4347, 20.7596

Monochromacy



Original Color

15.8907, 18.6029, 15.8499

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5805, 18.1802, 17.9645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8907, 18.6029, 15.8499 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(108, 124, 104)` looks like.

```
.text, #text, p{  
    color:rgb(108, 124, 104)  
}
```

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(108, 124, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 124, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.8907, 18.6029, 15.8499 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(108, 124, 104) }
```


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

```
.border{ border-color:rgb(108, 124, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 124, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 124, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 124, 104);  
box-shadow:4px 4px 4px 4px rgb(108, 124,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8907, 18.6029, 15.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 124, 104) }
```

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

```
.background{ background-color: rgb(108,  
124, 104) }
```

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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