

Converting Colors

XYZ(15.2587, 19.7082, 16.2051)

Have a look what the booklet for
XYZ(15.2587, 19.7082, 16.2051)
contains.

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Color

**XYZ(15.2311, 19.6118,
16.0794)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8368
RGB	94, 131, 104
RGB Percent	37%, 51%, 41%
CMY	0.6314, 0.4863, 0.5922
CMYK	0.28, 0.00, 0.21, 0.49
HSL	136°, 16%, 44%
HSV	136°, 28%, 51%
XYZ	15.2311, 19.6118, 16.0794
YIQ	116.8590, -13.3850, -16.2410

Conversions

Conversions Part 2

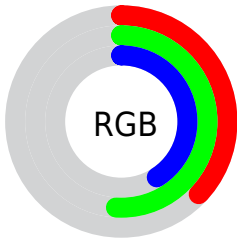
Format	Color
R_{YB}	94, 123, 131
Decimal	6194024
CIE _{Lab}	51.40, -18.92, 10.48
CIE _{LCh}	51, 21.627, 151.001
Yxy	19.6118, 0.2991, 0.3851
Android (android.graphics.Color)	4284384104 (0xFF5E8368)
YUV	116.8590, -6.3395, -20.0473
Hunter-Lab	44.2852, -16.1073, 9.4722

Details

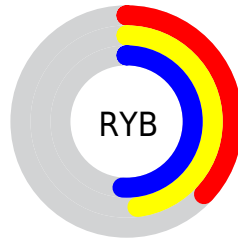
The XYZ color **15.2311, 19.6118, 16.0794** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.8147, 14.2116, 19.9469**, and the grayscale version is **16.8873, 17.7667, 19.3480**.

A 20% lighter version of the original color is **34.7339, 42.6673, 37.4153**, and **4.8077, 6.7611, 4.9225** is the 20% darker color. If you saturate the color by 10%, you get **13.5418, 18.7944, 13.6078**, and if you desaturate by 10%, it is **17.2046, 20.5704, 18.8526**.

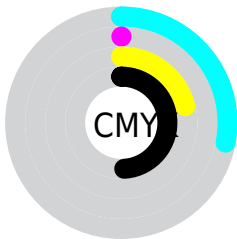
Distribution



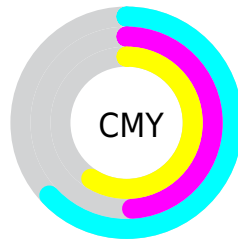
- Red (37%)
- Green (51%)
- Blue (41%)



- Red (37%)
- Yellow (48%)
- Blue (51%)



- Cyan (28%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (63%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2311, 19.6118, 16.0794 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 15.2311, 19.6118, 16.0794 by changing the saturation by 10% instead.

■ 15.2311, 19.6118,
16.0794

■ 15.2311, 19.6118,
16.0794

218.1215,
249.8057, 241.6715

■ 9.0691, 12.1132,
9.4254

■ 34.8264, 42.7654,
37.5047

■ 4.8438, 6.8208,
4.9191

■ 48.9905, 59.1891,
53.1131

■ 2.1897, 3.3503,
2.1420

■ 66.5526, 79.3567,
72.5433

■ 0.7373, 1.3172,
0.6406

■ 87.8781, 103.6525,
96.2140

■ 0.0000, 0.1545,
0.0000

113.3324,
132.4609, 124.5436

■ 0.0000, 0.0000,
0.0000

143.2808,

166.1663, 157.9507

178.0888,
205.1531, 196.8538

■ 15.2311, 19.6118,
16.0794

■ 15.2311, 19.6118,
16.0794

■ 13.5418, 18.7944,
13.6078

■ 17.2046, 20.5704,
18.8526

■ 12.1217, 18.1092,
11.4262

■ 19.4731, 21.6740,
21.9357

■ 10.9569, 17.5496,
9.5244

■ 22.0489, 22.9292,
25.3384

■ 10.0316, 17.1078,
7.8910

■ 24.9429, 24.3415,
29.0696

■ 9.3281, 16.7749,
6.5136

■ 28.1657, 25.9162,
33.1378

■ 8.8262, 16.5407,
5.3792

■ 31.7273, 27.6583,
37.5512

■ 8.4807, 16.3823,
4.4722

■ 35.6373, 29.5725,
42.3176

■ 8.4261, 16.3572,
4.3350

■ 39.9048, 31.6635,
47.4449

■ 44.5388, 33.9355,
52.9403

Harmonies

Analogous

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



16.5773, 19.6118, 12.6775



15.2311, 19.6118, 16.0794



14.7800, 19.6118, 21.5628

Triad

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



15.2311, 19.6118, 16.0794



18.7132, 19.6118, 35.6314



22.4416, 19.6118, 15.7828

Complementary

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



15.2311, 19.6118, 16.0794



16.8147, 14.2116, 19.9469

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.



23.1206, 19.6118, 21.1464



15.2311, 19.6118, 16.0794



20.8680, 19.6118, 33.2913

Square

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



15.2311, 19.6118, 16.0794



16.6940, 19.6118, 33.5720



22.5240, 19.6118, 27.6716



20.7325, 19.6118, 12.5310

Rectangle

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



15.2311, 19.6118, 16.0794



15.0176, 19.6118, 25.9183



22.5240, 19.6118, 27.6716



22.8035, 19.6118, 17.3596

Sweetspot

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



15.2316, 19.6126, 16.0798



34.8968, 38.8244, 39.3155



18.0413, 21.1163, 13.7149



7.9901, 8.9736, 8.9729



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.2316, 19.6126, 16.0798



25.2406, 34.1347, 25.8396



16.2687, 20.0274, 21.5407



4.6642, 5.2239, 5.2429



8.2949, 16.1008, 4.2722



0.0315, 0.0569, 0.0291

Inverse Universe

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



16.8147, 14.2116, 19.9469



28.5695, 22.7697, 33.9659



15.7932, 13.8030, 14.5679



4.8056, 4.7419, 5.5886



11.2747, 5.5742, 11.2849



0.0421, 0.0205, 0.0552

Previews

White Background



This preview shows how the XYZ color 15.2311, 19.6118, 16.0794 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 15.2311, 19.6118, 16.0794 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 15.2311, 19.6118, 16.0794

Background



This preview shows how black text looks on a background with the XYZ color 15.2311, 19.6118, 16.0794.



This preview shows how white text looks on a background with the XYZ color 15.2311, 19.6118,

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

15.2311, 19.6118, 16.0794

Protanopia

18.3130, 19.5063, 14.8565

Deuteranopia

19.7797, 19.5074, 16.6327



Tritanopia

17.3603, 19.6942, 26.5533

Trichromacy



Original Color

15.2311, 19.6118, 16.0794

Protanomaly

16.8850, 19.3198, 15.1511

Deuteranomaly

17.8529, 19.4175, 16.4427

Tritanomaly

16.4578, 19.5157, 22.3015

Monochromacy



Original Color

15.2311, 19.6118, 16.0794

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.1908, 18.3401, 18.0159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2311, 19.6118, 16.0794 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(94, 131, 104)` looks like.

```
.text, #text, p{  
    color:rgb(94, 131, 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(94, 131, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 131, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.2311, 19.6118, 16.0794 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(94, 131, 104) }
```


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

```
.border{ border-color:rgb(94, 131, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 131, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 131, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 131, 104);  
box-shadow:4px 4px 4px 4px rgb(94, 131,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2311, 19.6118, 16.0794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 131, 104) }
```

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

```
.background{ background-color: rgb(94, 131,  
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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