

Converting Colors

XYZ(11.9198, 15.7346, 8.0427)

Have a look what the booklet for
XYZ(11.9198, 15.7346, 8.0427)
contains.

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Color

**XYZ(11.9854, 15.8475,
8.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7745
RGB	91, 119, 69
RGB Percent	36%, 47%, 27%
CMY	0.6431, 0.5333, 0.7294
CMYK	0.24, 0.00, 0.42, 0.53
HSL	94°, 27%, 37%
HSV	94°, 42%, 47%
XYZ	11.9854, 15.8475, 8.0574
YIQ	104.9280, -0.6380, -21.4860

Conversions

Conversions Part 2

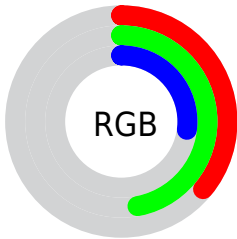
Format	Color
RYB	69, 119, 97
Decimal	5994309
CIELab	46.77, -19.85, 24.26
CIELCh	47, 31.346, 129.280
Yxy	15.8475, 0.3339, 0.4416
Android (android.graphics.Color)	4284184389 (0xFF5B7745)
YUV	104.9280, -17.7125, -12.2149
Hunter-Lab	39.8089, -15.9240, 15.8658

Details

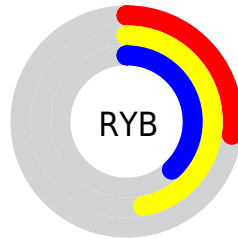
The XYZ color **11.9854, 15.8475, 8.0574** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.3884, 8.1300, 18.4754**, and the grayscale version is **13.4547, 14.1554, 15.4152**.

A 20% lighter version of the original color is **28.9883, 36.1846, 22.5960**, and **3.3513, 4.9599, 1.6449** is the 20% darker color. If you saturate the color by 10%, you get **11.0245, 15.3911, 6.2739**, and if you desaturate by 10%, it is **13.0796, 16.3650, 10.2347**.

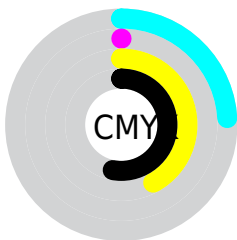
Distribution



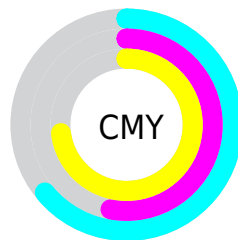
- Red (36%)
- Green (47%)
- Blue (27%)



- Red (27%)
- Yellow (47%)
- Blue (38%)



- Cyan (24%)
- Magenta (0%)
- Yellow (42%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9854, 15.8475, 8.0574 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 11.9854, 15.8475, 8.0574 by changing the saturation by 10% instead.

■ 11.9854, 15.8475,
8.0574

■ 11.9854, 15.8475,
8.0574

198.0805,
228.4402, 186.1329

■ 6.8059, 9.4163,
4.0434

■ 29.0856, 36.3333,
22.6189

■ 3.3862, 5.0137,
1.6492

■ 41.7370, 51.1566,
34.0035

■ 1.3612, 2.2553,
0.3256

■ 57.6097, 69.5461,
48.6821

■ 0.2283, 0.7499,
0.0000

■ 77.0691, 91.8862,
67.0731

■ 0.0000, 0.0000,
0.0000

■ 100.4805,
118.5613, 89.5952

128.2093,

149.9557, 116.6668

160.6208,
186.4538, 148.7065

■ 11.9854, 15.8475,
8.0574

■ 11.9854, 15.8475,
8.0574

■ 11.0245, 15.3911,
6.2739

■ 13.0796, 16.3650,
10.2347

■ 10.1897, 14.9912,
4.8595

■ 14.3114, 16.9440,
12.8262

■ 9.4749, 14.6457,
3.7885

■ 15.6865, 17.5873,
15.8524

■ 8.8729, 14.3515,
3.0315

■ 17.2097, 18.2971,
19.3320

■ 8.3754, 14.1051,
2.5539

■ 18.8856, 19.0753,
23.2826

■ 8.0318, 13.9339,
2.2662

■ 20.7188, 19.9240,
27.7208

■ 22.7134, 20.8450,
32.6626

■ 24.8735, 21.8399,
38.1231

■ 27.2031, 22.9106,
44.1167

Harmonies

Analogous

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



14.2340, 15.8475, 6.2852



11.9854, 15.8475, 8.0574



10.6776, 15.8475, 12.4759

Triad

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



11.9854, 15.8475, 8.0574



13.2853, 15.8475, 35.4197



20.8422, 15.8475, 14.9487

Complementary

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



11.9854, 15.8475, 8.0574



10.3884, 8.1300, 18.4754

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.



20.5087, 15.8475, 23.1217



11.9854, 15.8475, 8.0574



15.9226, 15.8475, 36.6837

Square

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



11.9854, 15.8475, 8.0574



11.3629, 15.8475, 28.5941



18.6259, 15.8475, 31.6565



19.4890, 15.8475, 9.3974

Rectangle

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



11.9854, 15.8475, 8.0574



10.4110, 15.8475, 17.0676



18.6259, 15.8475, 31.6565



20.9269, 15.8475, 17.4443

Sweetspot

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



11.9858, 15.8482, 8.0577



27.7504, 31.3343, 27.6286



12.9112, 12.8095, 7.4224



6.4649, 7.3737, 6.2992



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.



11.9858, 15.8482, 8.0577



19.8614, 27.6173, 11.4494



10.2050, 14.9210, 8.3882



3.7793, 4.1697, 3.9479



8.5221, 14.7977, 2.4071



40.5783, 71.6206, 11.6855

Inverse Universe

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



10.3884, 8.1300, 18.4754



16.6029, 11.8909, 32.6732



12.9181, 9.4513, 17.8202



3.6785, 3.6816, 4.6070



5.9600, 2.6638, 18.7426



28.0470, 12.4673, 91.2885

Previews

White Background



This preview shows how the XYZ color 11.9854, 15.8475, 8.0574 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 11.9854, 15.8475, 8.0574 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 11.9854, 15.8475, 8.0574

Background



This preview shows how black text looks on a background with the XYZ color 11.9854, 15.8475, 8.0574.



This preview shows how white text looks on a background with the XYZ color 11.9854, 15.8475,

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

11.9854, 15.8475, 8.0574

Protanopia

14.5530, 15.8272, 7.4422

Deuteranopia

15.9966, 15.7625, 8.3302



Tritanopia

14.5636, 15.8680, 20.7076

Trichromacy



Original Color

11.9854, 15.8475, 8.0574

Protanomaly

13.4608, 15.7549, 7.6417

Deuteranomaly

14.2930, 15.6754, 8.2336

Tritanomaly

13.4028, 15.7275, 15.1613

Monochromacy



Original Color

11.9854, 15.8475, 8.0574

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.7632, 14.6339, 12.2771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9854, 15.8475, 8.0574 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(91, 119, 69)` looks like.

```
.text, #text, p{  
    color:rgb(91, 119, 69)  
}
```

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(91, 119, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 119, 69) }
```

Border

The CSS property to change the border of an element to XYZ 11.9854, 15.8475, 8.0574 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(91, 119, 69) }
```


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

```
.border{ border-color:rgb(91, 119, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 119, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 119, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 119, 69);  
box-shadow:4px 4px 4px 4px rgb(91, 119,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9854, 15.8475, 8.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 119, 69) }
```

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

```
.background{ background-color: rgb(91, 119,  
69) }
```

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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