

Converting Colors

XYZ(11.1219, 16.1167, 8.4859)

Have a look what the booklet for
XYZ(11.1219, 16.1167, 8.4859)
contains.

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Color

**XYZ(11.1219, 16.1167,
8.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7B47
RGB	75, 123, 71
RGB Percent	29%, 48%, 28%
CMY	0.7059, 0.5176, 0.7216
CMYK	0.39, 0.00, 0.42, 0.52
HSL	115°, 27%, 38%
HSV	115°, 42%, 48%
XYZ	11.1219, 16.1167, 8.4859
YIQ	102.7200, -11.9160, -26.3480

Conversions

Conversions Part 2

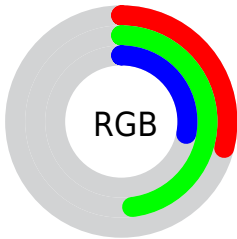
Format	Color
RYB	71, 123, 119
Decimal	4946759
CIELab	47.13, -27.54, 23.41
CIElCh	47, 36.146, 139.635
Yxy	16.1167, 0.3113, 0.4511
Android (android.graphics.Color)	4283136839 (0xFF4B7B47)
YUV	102.7200, -15.6380, -24.3104
Hunter-Lab	40.1456, -20.8034, 15.5693

Details

The XYZ color **11.1219, 16.1167, 8.4859** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.4370, 9.8591, 19.9346**, and the grayscale version is **12.8607, 13.5304, 14.7347**.

A 20% lighter version of the original color is **27.5197, 36.8424, 23.4301**, and **3.0361, 5.1788, 1.8169** is the 20% darker color. If you saturate the color by 10%, you get **9.9563, 15.5574, 6.5753**, and if you desaturate by 10%, it is **12.5268, 16.7911, 10.8256**.

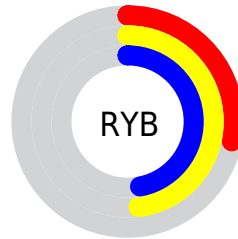
Distribution



Red (29%)

Green (48%)

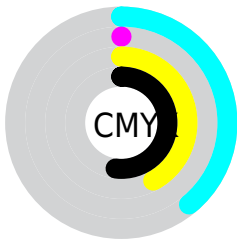
Blue (28%)



Red (28%)

Yellow (48%)

Blue (47%)

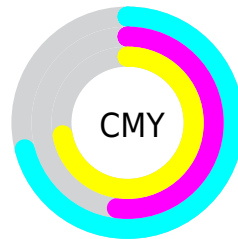


Cyan (39%)

Magenta (0%)

Yellow (42%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1219, 16.1167, 8.4859 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 11.1219, 16.1167, 8.4859 by changing the saturation by 10% instead.

■ 11.1219, 16.1167,
8.4859

■ 11.1219, 16.1167,
8.4859

192.3930,
230.0294, 189.5697

■ 6.2168, 9.6068,
4.3152

■ 27.5163, 36.8007,
23.4673

■ 3.0193, 5.1390,
1.7998

■ 39.7363, 51.7435,
35.1152

■ 1.1640, 2.3291,
0.4278

■ 55.1253, 70.2661,
50.0924

■ 0.0776, 0.7890,
0.0000

■ 74.0487, 92.7529,
68.8177

■ 0.0000, 0.0000,
0.0000

■ 96.8718, 119.5882,
91.7096

123.9600,

151.1564, 119.1865

155.6786,
187.8420, 151.6670

■ 11.1219, 16.1167,
8.4859

■ 11.1219, 16.1167,
8.4859

■ 9.9563, 15.5574,
6.5753

■ 12.5268, 16.7911,
10.8256

■ 9.0156, 15.1048,
5.0668

■ 14.1820, 17.5843,
13.6172

■ 8.2854, 14.7528,
3.9319

■ 16.0993, 18.5024,
16.8829


■ 7.7495, 14.4935,
3.1381


■ 18.2896, 19.5506,
20.6435


■ 7.3891, 14.3182,
2.6471


■ 20.7628, 20.7335,
24.9183

 7.2017, 14.2276,
2.3666

 23.5286, 22.0558,
29.7257

 26.5962, 23.5218,
35.0830

 29.9742, 25.1356,
41.0070

 33.6711, 26.9013,
47.5135

Harmonies

Analogous

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



13.3573, 16.1167, 5.6951



11.1219, 16.1167, 8.4859



10.0638, 16.1167, 14.5870

Triad

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



11.1219, 16.1167, 8.4859



14.2461, 16.1167, 40.9770



21.8177, 16.1167, 12.3046

Complementary

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



11.1219, 16.1167, 8.4859



13.4370, 9.8591, 19.9346

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.



22.1425, 16.1167, 20.8856



11.1219, 16.1167, 8.4859



17.4628, 16.1167, 39.7032

Square

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



11.1219, 16.1167, 8.4859



11.6951, 16.1167, 34.5250



20.4566, 16.1167, 31.4818



19.6221, 16.1167, 7.3135

Rectangle

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



11.1219, 16.1167, 8.4859



10.0536, 16.1167, 20.6403



20.4566, 16.1167, 31.4818



22.1598, 16.1167, 14.7817

Sweetspot

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



11.1223, 16.1174, 8.4863



28.4479, 32.9494, 29.5809



15.8637, 17.7812, 8.5575



6.5406, 7.6838, 6.6947



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.



11.1223, 16.1174, 8.4863



17.8328, 27.8601, 11.7812



11.6431, 16.2907, 12.8099



3.9768, 4.4633, 4.2764



7.4475, 14.7166, 2.4481



35.2285, 70.0464, 11.6636

Inverse Universe

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



13.4370, 9.8591, 19.9346



22.5712, 15.0168, 35.2655



12.7875, 9.6640, 13.5897



4.1255, 4.0626, 5.0099



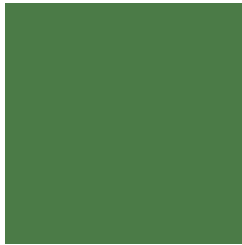
10.8139, 5.1475, 19.8089



51.2594, 24.3872, 94.4753

Previews

White Background



This preview shows how the XYZ color 11.1219, 16.1167, 8.4859 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 11.1219, 16.1167, 8.4859 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 11.1219, 16.1167, 8.4859

Background



This preview shows how black text looks on a background with the XYZ color 11.1219, 16.1167, 8.4859.



This preview shows how white text looks on a background with the XYZ color 11.1219, 16.1167,

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

11.1219, 16.1167, 8.4859

Protanopia

14.7236, 15.9117, 7.6054

Deuteranopia

16.0969, 15.8026, 8.8584



Tritanopia

13.8735, 16.1602, 22.1267

Trichromacy



Original Color

11.1219, 16.1167, 8.4859

Protanomaly

12.9998, 15.6821, 7.8106

Deuteranomaly

13.7123, 15.5275, 8.7530

Tritanomaly

12.5917, 15.9836, 16.0572

Monochromacy



Original Color

11.1219, 16.1167, 8.4859

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

11.9785, 14.2343, 12.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1219, 16.1167, 8.4859 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(75, 123, 71)` looks like.

```
.text, #text, p{  
    color:rgb(75, 123, 71)  
}
```

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(75, 123, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 123, 71) }
```

Border

The CSS property to change the border of an element to XYZ 11.1219, 16.1167, 8.4859 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(75, 123, 71) }
```


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

```
.border{ border-color:rgb(75, 123, 71) }
```

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

Here you see how a box with a 4 pixel rgb(75, 123, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 123, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 123, 71);  
box-shadow:4px 4px 4px 4px rgb(75, 123,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1219, 16.1167, 8.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 123, 71) }
```

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

```
.background{ background-color: rgb(75, 123,  
71) }
```

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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