

Converting Colors

XYZ(11.9908, 16.7191, 3.8054)

Have a look what the booklet for
XYZ(11.9908, 16.7191, 3.8054)
contains.

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Color

**XYZ(11.9334, 16.6393,
3.8111)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7B1E
RGB	94, 123, 30
RGB Percent	37%, 48%, 12%
CMY	0.6314, 0.5176, 0.8823
CMYK	0.24, 0.00, 0.76, 0.52
HSL	79°, 61%, 30%
HSV	79°, 76%, 48%
XYZ	11.9334, 16.6393, 3.8111
YIQ	103.7270, 12.5690, -35.0710

Conversions

Conversions Part 2

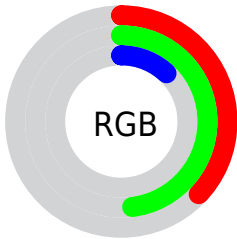
Format	Color
RYB	30, 123, 59
Decimal	6191902
CIELab	47.80, -24.64, 44.58
CIElCh	48, 50.939, 118.931
Yxy	16.6393, 0.3685, 0.5138
Android (android.graphics.Color)	4284381982 (0xFF5E7B1E)
YUV	103.7270, -36.3474, -8.5306
Hunter-Lab	40.7913, -19.1650, 23.0145

Details

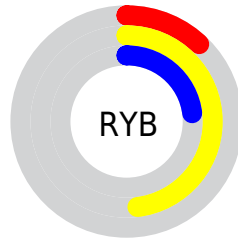
The XYZ color **11.9334, 16.6393, 3.8111** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.8438, 3.2889, 19.0666**, and the grayscale version is **13.1772, 13.8635, 15.0973**.

A 20% lighter version of the original color is **29.0432, 37.8478, 13.5592**, and **3.4875, 5.4330, 0.8649** is the 20% darker color. If you saturate the color by 10%, you get **11.4225, 16.3912, 3.1214**, and if you desaturate by 10%, it is **12.5260, 16.9235, 4.8255**.

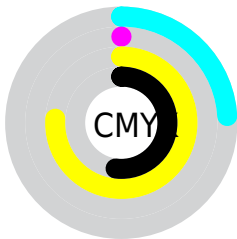
Distribution



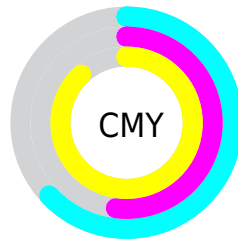
- Red (37%)
- Green (48%)
- Blue (12%)



- Red (12%)
- Yellow (48%)
- Blue (23%)



- Cyan (24%)
- Magenta (0%)
- Yellow (76%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9334, 16.6393, 3.8111 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 11.9334, 16.6393, 3.8111 by changing the saturation by 10% instead.

■ 11.9334, 16.6393,
3.8111

■ 11.9334, 16.6393,
3.8111

197.7428,
233.0851, 146.1020

■ 6.7702, 9.9777,
1.5223

■ 28.9917, 37.7046,
13.5717

■ 3.3639, 5.3841,
0.2345

■ 41.6174, 52.8770,
21.8806

■ 1.3490, 2.4744,
0.0000

■ 57.4615, 71.6551,
33.0332

■ 0.2194, 0.8638,
0.0000

■ 76.8891, 94.4233,
47.4482

■ 0.0000, 0.0000,
0.0000

■ 100.2657,
121.5660, 65.5440

■ 127.9566,

153.4676, 87.7392

160.3272,
190.5125, 114.4524

11.9334, 16.6393,
3.8111

11.9334, 16.6393,
3.8111

11.4225, 16.3912,
3.1214

12.5260, 16.9235,
4.8255

10.9809, 16.1725,
2.6980

13.2058, 17.2443,
6.1974

10.7973, 16.0812,
2.5349

13.9791, 17.6048,
7.9566

14.8511, 18.0072,
10.1294

15.8268, 18.4533,
12.7400

■ 16.9104, 18.9452,
15.8106

■ 18.1063, 19.4843,
19.3619

■ 19.4184, 20.0724,
23.4135

■ 20.8503, 20.7109,
27.9837

Harmonies

Analogous

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



15.9796, 16.6393, 2.8058



11.9334, 16.6393, 3.8111



9.4188, 16.6393, 7.9855

Triad

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



11.9334, 16.6393, 3.8111



11.6996, 16.6393, 49.3564



26.3293, 16.6393, 18.5909

Complementary

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



11.9334, 16.6393, 3.8111



5.8438, 3.2889, 19.0666

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.



24.6000, 16.6393, 34.4571



11.9334, 16.6393, 3.8111



15.6518, 16.6393, 56.7298

Square

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



11.9334, 16.6393, 3.8111



9.3033, 16.6393, 33.2239



20.4588, 16.6393, 50.2778



24.8207, 16.6393, 8.4657

Rectangle

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



11.9334, 16.6393, 3.8111



8.6633, 16.6393, 13.7022



20.4588, 16.6393, 50.2778



26.1025, 16.6393, 23.3917

Sweetspot

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



11.9338, 16.6400, 3.8115



28.7205, 33.2167, 23.8674



9.9114, 7.3213, 2.1194



6.6309, 7.7624, 5.2528



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.



11.9338, 16.6400, 3.8115



19.8441, 29.0493, 4.9932



8.5653, 14.9035, 3.6538



4.1919, 4.5742, 4.2865



11.1634, 16.6322, 2.6220



52.3452, 78.8703, 12.4646

Inverse Universe

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



5.8438, 3.2889, 19.0666



8.4320, 3.8497, 33.8553



9.7955, 5.3261, 19.2516



3.9044, 3.9486, 4.9995



4.5339, 1.9101, 19.5150



20.8441, 8.7075, 93.0519

Previews

White Background



This preview shows how the XYZ color 11.9334, 16.6393, 3.8111 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 11.9334, 16.6393, 3.8111 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 11.9334, 16.6393, 3.8111

Background



This preview shows how black text looks on a background with the XYZ color 11.9334, 16.6393, 3.8111.



This preview shows how white text looks on a background with the XYZ color 11.9334, 16.6393,

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

11.9334, 16.6393, 3.8111

Protanopia

14.8671, 16.4061, 3.4817

Deuteranopia

16.7470, 16.3997, 4.0331



Tritanopia

15.4777, 16.6598, 21.4687

Trichromacy



Original Color

11.9334, 16.6393, 3.8111

Protanomaly

13.6533, 16.4561, 3.6191

Deuteranomaly

14.6513, 16.2857, 3.8846

Tritanomaly

13.5794, 16.4044, 12.1235

Monochromacy



Original Color

11.9334, 16.6393, 3.8111

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.2795, 14.6140, 9.1948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9334, 16.6393, 3.8111 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, 123, 30)` looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 30)  
}
```

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, 123, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 30) }
```

Border

The CSS property to change the border of an element to XYZ 11.9334, 16.6393, 3.8111 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, 123, 30) }
```


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

```
.border{ border-color:rgb(94, 123, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 123, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 30);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9334, 16.6393, 3.8111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 30) }
```

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

```
.background{ background-color: rgb(94, 123,  
30) }
```

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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