

Converting Colors

XYZ(11.0989, 15.9185, 3.8110)

Have a look what the booklet for
XYZ(11.0989, 15.9185, 3.8110)
contains.

XYZ(11.0152, 15.7999, 3.7655)	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(11.0152, 15.7999,
3.7655)**

Conversions

Conversions Part 1

Format	Color
Hex	57791F
RGB	87, 121, 31
RGB Percent	34%, 47%, 12%
CMY	0.6588, 0.5255, 0.8784
CMYK	0.28, 0.00, 0.74, 0.53
HSL	83°, 59%, 30%
HSV	83°, 74%, 47%
XYZ	11.0152, 15.7999, 3.7655
YIQ	100.5740, 8.6260, -35.1980

Conversions

Conversions Part 2

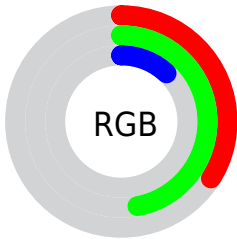
Format	Color
R_YB	31, 121, 65
Decimal	5732639
CIE Lab	46.71, -26.53, 42.96
CIE LCh	47, 50.494, 121.697
Yxy	15.7999, 0.3602, 0.5167
Android (android.graphics.Color)	4283922719 (0xFF57791F)
YUV	100.5740, -34.3000, -11.9044
Hunter-Lab	39.7491, -20.0953, 22.2077

Details

The XYZ color **11.0152, 15.7999, 3.7655** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6.1219, 3.4848, 18.4400**, and the grayscale version is **12.3442, 12.9871, 14.1429**.

A 20% lighter version of the original color is **27.4743, 36.4567, 13.5715**, and **3.0803, 5.0280, 0.8082** is the 20% darker color. If you saturate the color by 10%, you get **10.4715, 15.5352, 3.0585**, and if you desaturate by 10%, it is **11.6466, 16.1039, 4.7901**.

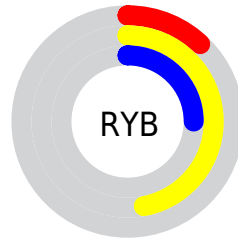
Distribution



Red (34%)

Green (47%)

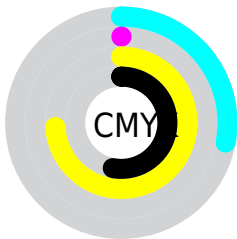
Blue (12%)



Red (12%)

Yellow (47%)

Blue (25%)

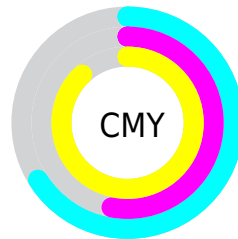


Cyan (28%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0152, 15.7999, 3.7655 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 11.0152, 15.7999, 3.7655 by changing the saturation by 10% instead.

■ 11.0152, 15.7999,
3.7655

■ 11.0152, 15.7999,
3.7655

191.6779,
228.1581, 145.5821

■ 6.1444, 9.3827,
1.4976

■ 27.3210, 36.2505,
13.4652

■ 2.9746, 4.9916,
0.2161

■ 39.4867, 51.0526,
21.7341

■ 1.1403, 2.2423,
0.0000

■ 54.8148, 69.4185,
32.8404

■ 0.0585, 0.7429,
0.0000

■ 73.6705, 91.7325,
47.2027

■ 0.0000, 0.0000,
0.0000

■ 96.4194, 118.3791,
65.2395

■ 123.4267,

149.7426, 87.3693

155.0577,
186.2075, 114.0106

11.0152, 15.7999,
3.7655

11.0152, 15.7999,
3.7655

10.4715, 15.5352,
3.0585

11.6466, 16.1039,
4.7901

10.0051, 15.3040,
2.6220

12.3712, 16.4478,
6.1629

9.7618, 15.1828,
2.4161

13.1950, 16.8346,
7.9122

14.1232, 17.2665,
10.0631

15.1607, 17.7454,
12.6384

■ 16.3119, 18.2732,
15.6593

■ 17.5810, 18.8516,
19.1455

■ 18.9719, 19.4822,
23.1158

■ 20.4883, 20.1665,
27.5875

Harmonies

Analogous

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



14.7694, 15.7999, 2.6079



11.0152, 15.7999, 3.7655



8.7595, 15.7999, 8.1194

Triad

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



11.0152, 15.7999, 3.7655



11.3701, 15.7999, 48.3459



25.0979, 15.7999, 16.4993

Complementary

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



11.0152, 15.7999, 3.7655



6.1219, 3.4848, 18.4400

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.



23.7126, 15.7999, 31.3480



11.0152, 15.7999, 3.7655



15.2680, 15.7999, 54.2910

Square

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



11.0152, 15.7999, 3.7655



8.9346, 15.7999, 33.2293



19.8875, 15.7999, 46.9380



23.3761, 15.7999, 7.3926

Rectangle

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



11.0152, 15.7999, 3.7655



8.1342, 15.7999, 13.9525



19.8875, 15.7999, 46.9380



24.9791, 15.7999, 20.9237

Sweetspot

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



11.0156, 15.8006, 3.7658



27.5088, 31.9419, 23.5590



9.9665, 7.8313, 2.2829



6.1955, 7.2601, 5.1444



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.



11.0156, 15.8006, 3.7658



18.1667, 27.5291, 4.9027



8.0815, 14.2880, 3.6285



4.1679, 4.5619, 4.2853



10.4481, 16.2634, 2.5885



48.8704, 77.0791, 12.3020

Inverse Universe

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



6.1219, 3.4848, 18.4400



8.9526, 4.2079, 32.7333



10.2485, 5.6121, 18.6331



3.9275, 3.9605, 5.0006



4.8804, 2.0887, 19.5312



22.4009, 9.5101, 93.1248

Previews

White Background



This preview shows how the XYZ color 11.0152, 15.7999, 3.7655 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 11.0152, 15.7999, 3.7655 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 11.0152, 15.7999, 3.7655

Background



This preview shows how black text looks on a background with the XYZ color 11.0152, 15.7999, 3.7655.



This preview shows how white text looks on a background with the XYZ color 11.0152, 15.7999,

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

11.0152, 15.7999, 3.7655

Protanopia

14.2062, 15.7378, 3.3876

Deuteranopia

15.8827, 15.6464, 4.0167



Tritanopia

14.4550, 15.8121, 20.7025

Trichromacy



Original Color

11.0152, 15.7999, 3.7655

Protanomaly

12.9080, 15.7297, 3.5182

Deuteranomaly

13.5956, 15.4122, 3.8484

Tritanomaly

12.6647, 15.5917, 11.7932

Monochromacy



Original Color

11.0152, 15.7999, 3.7655

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.4909, 13.7337, 8.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0152, 15.7999, 3.7655 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(87, 121, 31)` looks like.

```
.text, #text, p{  
    color:rgb(87, 121, 31)  
}
```

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(87, 121, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 121, 31) }
```

Border

The CSS property to change the border of an element to XYZ 11.0152, 15.7999, 3.7655 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(87, 121, 31) }
```


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

```
.border{ border-color:rgb(87, 121, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 121, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 121, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 121, 31);  
box-shadow:4px 4px 4px 4px rgb(87, 121,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0152, 15.7999, 3.7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 121, 31) }
```

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

```
.background{ background-color: rgb(87, 121,  
31) }
```

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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