

Converting Colors

XYZ(11.8798, 15.4713, 6.7477)

Have a look what the booklet for
XYZ(11.8798, 15.4713, 6.7477)
contains.

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Color

**XYZ(11.9229, 15.4924,
6.7768)**

Conversions

Conversions Part 1

Format	Color
Hex	5F753D
RGB	95, 117, 61
RGB Percent	37%, 46%, 24%
CMY	0.6275, 0.5412, 0.7608
CMYK	0.19, 0.00, 0.48, 0.54
HSL	84°, 31%, 35%
HSV	84°, 48%, 46%
XYZ	11.9229, 15.4924, 6.7768
YIQ	104.0380, 4.8640, -22.0800

Conversions

Conversions Part 2

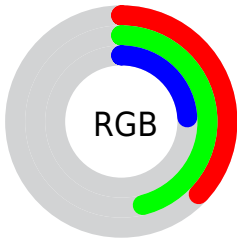
Format	Color
RYB	61, 117, 83
Decimal	6255933
CIELab	46.30, -18.25, 28.16
CIELCh	46, 33.552, 122.944
Yxy	15.4924, 0.3487, 0.4531
Android (android.graphics.Color)	4284446013 (0xFF5F753D)
YUV	104.0380, -21.2177, -7.9263
Hunter-Lab	39.3604, -14.8101, 17.3441

Details

The XYZ color **11.9229, 15.4924, 6.7768** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.4476, 6.4613, 17.6324**, and the grayscale version is **13.2227, 13.9113, 15.1494**.

A 20% lighter version of the original color is **29.0351, 35.7048, 20.1133**, and **3.3866, 4.8951, 1.2183** is the 20% darker color. If you saturate the color by 10%, you get **11.1781, 15.1415, 5.2726**, and if you desaturate by 10%, it is **12.7654, 15.8867, 8.6453**.

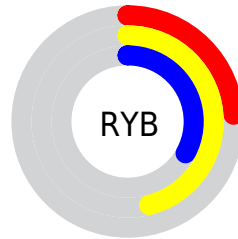
Distribution



Red (37%)

Green (46%)

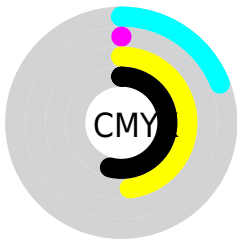
Blue (24%)



Red (24%)

Yellow (46%)

Blue (33%)

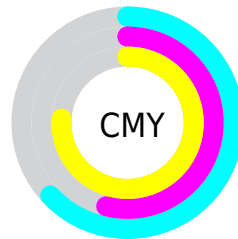


Cyan (19%)

Magenta (0%)

Yellow (48%)

Black (54%)



Cyan (63%)

Magenta (54%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9229, 15.4924, 6.7768 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 11.9229, 15.4924, 6.7768 by changing the saturation by 10% instead.

■ 11.9229, 15.4924,
6.7768

■ 11.9229, 15.4924,
6.7768

197.6746,
226.3275, 175.3559

■ 6.7630, 9.1657,
3.2466

■ 28.9727, 35.7147,
20.0279

■ 3.3593, 4.8494,
1.2219

■ 41.5933, 50.3791,
30.5859

■ 1.3465, 2.1592,
0.0000

■ 57.4315, 68.5915,
44.3236

■ 0.2176, 0.6976,
0.0000

■ 76.8528, 90.7363,
61.6595

■ 0.0000, 0.0000,
0.0000

■ 100.2223,
117.1979, 83.0121

■ 127.9056,

148.3607, 108.8000

160.2679,
184.6092, 139.4418

■ 11.9229, 15.4924,
6.7768

■ 11.9229, 15.4924,
6.7768

■ 11.1781, 15.1415,
5.2726

■ 12.7654, 15.8867,
8.6453

■ 10.5250, 14.8299,
4.1079

■ 13.7091, 16.3243,
10.8987

■ 9.9582, 14.5560,
3.2562

■ 14.7587, 16.8076,
13.5574

■ 9.4716, 14.3172,
2.6869

■ 15.9180, 17.3383,
16.6400

■ 9.0489, 14.1070,
2.3178

■ 17.1909, 17.9178,
20.1640

■ 8.9625, 14.0641,
2.2423

■ 18.5809, 18.5477,
24.1458

■ 20.0914, 19.2293,
28.6010

■ 21.7256, 19.9640,
33.5446

■ 23.4866, 20.7532,
38.9907

Harmonies

Analogous

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



14.4434, 15.4924, 5.4949



11.9229, 15.4924, 6.7768



10.3364, 15.4924, 10.6518

Triad

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



11.9229, 15.4924, 6.7768



12.3545, 15.4924, 35.2243



20.9534, 15.4924, 16.0697

Complementary

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



11.9229, 15.4924, 6.7768



8.4476, 6.4613, 17.6324

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.



20.2075, 15.4924, 25.1284



11.9229, 15.4924, 6.7768



15.0103, 15.4924, 38.0908

Square

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



11.9229, 15.4924, 6.7768



10.5619, 15.4924, 27.0074



17.9351, 15.4924, 33.9147



19.8595, 15.4924, 9.6500

Rectangle

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



11.9229, 15.4924, 6.7768



9.8987, 15.4924, 15.0004



17.9351, 15.4924, 33.9147



20.9098, 15.4924, 18.8858

Sweetspot

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



11.9233, 15.4931, 6.7771



27.1313, 30.4190, 26.1209



11.2316, 10.2246, 5.7967



6.1574, 6.9569, 5.7938



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.9233, 15.4931, 6.7771



19.9399, 27.0766, 9.2972



9.5556, 14.2725, 6.6663



3.8340, 4.1979, 3.9505



9.8566, 15.4856, 2.4695



47.0500, 74.9569, 11.9883

Inverse Universe

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



8.4476, 6.4613, 17.6324



12.9473, 8.8843, 31.1694



11.3689, 7.9673, 17.7691



3.6241, 3.6535, 4.6044



4.7609, 2.0457, 18.6865



22.2967, 9.5029, 91.0194

Previews

White Background



This preview shows how the XYZ color 11.9229, 15.4924, 6.7768 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 11.9229, 15.4924, 6.7768 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 11.9229, 15.4924, 6.7768

Background



This preview shows how black text looks on a background with the XYZ color 11.9229, 15.4924, 6.7768.



This preview shows how white text looks on a background with the XYZ color 11.9229, 15.4924,

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

11.9229, 15.4924, 6.7768

Protanopia

14.2248, 15.5223, 6.2494

Deuteranopia

15.5486, 15.2573, 6.9759



Tritanopia

14.4992, 15.3673, 19.6548

Trichromacy



Original Color

11.9229, 15.4924, 6.7768

Protanomaly

13.3766, 15.5708, 6.4381

Deuteranomaly

13.9736, 15.2181, 6.9035

Tritanomaly

13.3653, 15.4014, 13.8236

Monochromacy



Original Color

11.9229, 15.4924, 6.7768

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.5969, 14.4086, 11.3497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9229, 15.4924, 6.7768 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(95, 117, 61)` looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 61)  
}
```

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(95, 117, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 61) }
```

Border

The CSS property to change the border of an element to XYZ 11.9229, 15.4924, 6.7768 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(95, 117, 61) }
```


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

```
.border{ border-color:rgb(95, 117, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 117, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 61);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9229, 15.4924, 6.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 61) }
```

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

```
.background{ background-color: rgb(95, 117,  
61) }
```

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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