

Converting Colors

XYZ(11.9743, 11.5513, 5.7143)

Have a look what the booklet for
XYZ(11.9743, 11.5513, 5.7143)
contains.

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Color

**XYZ(11.9168, 11.4796,
5.7254)**

Conversions

Conversions Part 1

Format	Color
Hex	765A3B
RGB	118, 90, 59
RGB Percent	46%, 35%, 23%
CMY	0.5373, 0.6470, 0.7686
CMYK	0.00, 0.24, 0.50, 0.54
HSL	32°, 33%, 35%
HSV	32°, 50%, 46%
XYZ	11.9168, 11.4796, 5.7254
YIQ	94.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

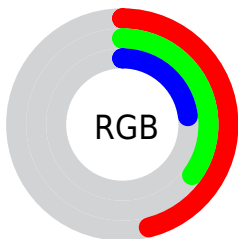
Format	Color
R_{YB}	112, 118, 59
Decimal	7756347
CIE Lab	40.38, 7.25, 22.27
CIE LCh	40, 23.423, 71.973
Yxy	11.4796, 0.4092, 0.3942
Android (android.graphics.Color)	4285946427 (0xFF765A3B)
YUV	94.8380, -17.6681, 20.3131
Hunter-Lab	33.8816, 3.4892, 13.6981

Details

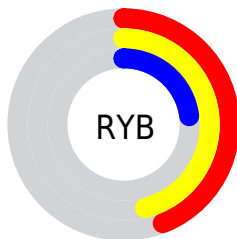
The XYZ color **11.9168, 11.4796, 5.7254** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.4818, 9.0540, 18.4401**, and the grayscale version is **10.8751, 11.4415, 12.4598**.

A 20% lighter version of the original color is **29.0452, 28.5884, 17.8972**, and **3.3089, 3.0321, 0.9011** is the 20% darker color. If you saturate the color by 10%, you get **11.1901, 10.4619, 4.1402**, and if you desaturate by 10%, it is **12.7489, 12.5973, 7.6874**.

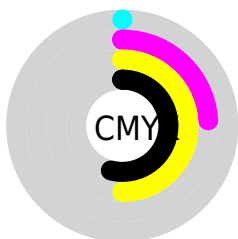
Distribution



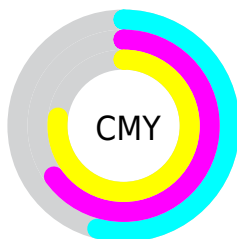
- Red (46%)
- Green (35%)
- Blue (23%)



- Red (44%)
- Yellow (46%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (50%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9168, 11.4796, 5.7254 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 11.9168, 11.4796, 5.7254 by changing the saturation by 10% instead.

■ 11.9168, 11.4796,
5.7254

■ 11.9168, 11.4796,
5.7254

197.6349,
200.9290, 165.8148

■ 6.7588, 6.3904,
2.6128

■ 28.9617, 28.5437,
17.8259

■ 3.3567, 3.0839,
0.8990

■ 41.5793, 41.2874,
27.6509

■ 1.3451, 1.1757,
0.0000

■ 57.4141, 57.3513,
40.5504

■ 0.2166, 0.0417,
0.0000

■ 76.8316, 77.1199,
56.9430

■ 0.0000, 0.0000,
0.0000

■ 100.1971,
100.9776, 77.2472

■ 127.8759,

129.3087, 101.8815

160.2334,
162.4977, 131.2646

■ 11.9168, 11.4796,
5.7254

■ 11.9168, 11.4796,
5.7254

■ 11.1901, 10.4619,
4.1402

■ 12.7489, 12.5973,
7.6874

■ 10.5624, 9.5390,
2.9060

■ 13.6905, 13.8166,
10.0484

■ 10.0280, 8.7078,
1.9948

■ 14.7467, 15.1410,
12.8296

■ 9.5797, 7.9642,
1.3738

■ 15.9218, 16.5734,
16.0504

■ 9.1941, 7.2974,
0.9240

■ 17.2198, 18.1166,
19.7292

■ 9.1941, 7.2973,
0.9239

■ 18.6448, 19.7732,
23.8831

■ 20.2004, 21.5458,
28.5286

■ 21.8902, 23.4367,
33.6811

■ 23.7176, 25.4485,
39.3554

Harmonies

Analogous

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



13.4288, 11.4796, 7.3778



11.9168, 11.4796, 5.7254



10.2695, 11.4796, 5.5799

Triad

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



11.9168, 11.4796, 5.7254



8.1064, 11.4796, 14.4692



13.1601, 11.4796, 20.4926

Complementary

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



11.9168, 11.4796, 5.7254



8.4818, 9.0540, 18.4401

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.



11.5787, 11.4796, 23.5862



11.9168, 11.4796, 5.7254



8.7294, 11.4796, 19.5687

Square

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



11.9168, 11.4796, 5.7254



8.1774, 11.4796, 9.9064



9.9635, 11.4796, 23.2111



14.1947, 11.4796, 15.5093

Rectangle

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



11.9168, 11.4796, 5.7254



9.3241, 11.4796, 6.2943



9.9635, 11.4796, 23.2111



12.6685, 11.4796, 21.8382

Sweetspot

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



11.9171, 11.4802, 5.7256



26.8588, 27.7639, 25.0801



10.7768, 7.6762, 10.0417



6.0981, 6.2889, 5.5556



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.



11.9171, 11.4802, 5.7256



19.5000, 18.1422, 6.9172



14.6063, 17.0557, 6.6601



3.8284, 3.9897, 3.9106



9.9341, 7.8694, 0.9954



47.5469, 36.6223, 4.5628

Inverse Universe

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



8.4818, 9.0540, 18.4401



12.7140, 13.3532, 32.0443



6.6966, 5.3962, 17.8282



3.6306, 3.8499, 4.6420



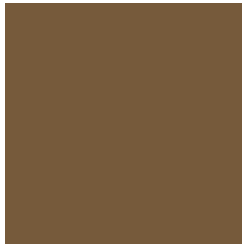
5.0550, 4.4496, 19.1350



23.7874, 19.9914, 92.9653

Previews

White Background



This preview shows how the XYZ color 11.9168, 11.4796, 5.7254 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 11.9168, 11.4796, 5.7254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

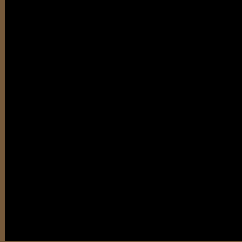
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9168, 11.4796, 5.7254

Background



This preview shows how black text looks on a background with the XYZ color 11.9168, 11.4796, 5.7254.



This preview shows how white text looks on a background with the XYZ color 11.9168, 11.4796,

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

11.9168, 11.4796, 5.7254

Protanopia

10.6434, 11.4644, 6.0668

Deuteranopia

11.6007, 11.4428, 5.7349



Tritanopia

13.1447, 11.4932, 11.6508

Trichromacy



Original Color

11.9168, 11.4796, 5.7254

Protanomaly

11.0366, 11.4062, 5.8949

Deuteranomaly

11.7330, 11.5109, 5.7411

Tritanomaly

12.6019, 11.3886, 9.1235

Monochromacy



Original Color

11.9168, 11.4796, 5.7254

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0309, 11.3215, 9.5865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9168, 11.4796, 5.7254 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(118, 90, 59)` looks like.

```
.text, #text, p{  
    color:rgb(118, 90, 59)  
}
```

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(118, 90, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 90, 59) }
```

Border

The CSS property to change the border of an element to XYZ 11.9168, 11.4796, 5.7254 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(118, 90, 59) }
```


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

```
.border{ border-color:rgb(118, 90, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 90, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 90, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 90, 59);  
box-shadow:4px 4px 4px 4px rgb(118, 90,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9168, 11.4796, 5.7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 90, 59) }
```

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

```
.background{ background-color: rgb(118, 90,  
59) }
```

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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