

Converting Colors

XYZ(11.5127, 17.2719, 3.9105)

Have a look what the booklet for
XYZ(11.5127, 17.2719, 3.9105)
contains.

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Color

**XYZ(11.5971, 17.4119,
3.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	54801D
RGB	84, 128, 29
RGB Percent	33%, 50%, 11%
CMY	0.6706, 0.4980, 0.8863
CMYK	0.34, 0.00, 0.77, 0.50
HSL	87°, 63%, 31%
HSV	87°, 77%, 50%
XYZ	11.5971, 17.4119, 3.9120
YIQ	103.5580, 5.5550, -40.1170

Conversions

Conversions Part 2

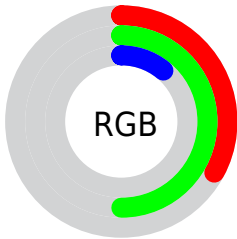
Format	Color
R_{YB}	29, 128, 73
Decimal	5537821
CIE _{Lab}	48.77, -31.21, 45.69
CIE _{LCh}	49, 55.328, 124.337
Yxy	17.4119, 0.3523, 0.5289
Android (android.graphics.Color)	4283727901 (0xFF54801D)
YUV	103.5580, -36.7571, -17.1524
Hunter-Lab	41.7276, -23.4138, 23.6508

Details

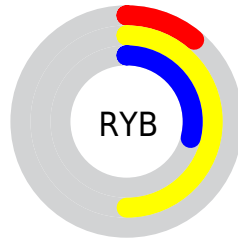
The XYZ color **11.5971, 17.4119, 3.9120** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.0842, 3.8543, 20.7937**, and the grayscale version is **13.1344, 13.8184, 15.0483**.

A 20% lighter version of the original color is **28.3256, 38.9602, 13.8117**, and **3.3201, 5.7559, 0.9360** is the 20% darker color. If you saturate the color by 10%, you get **10.9820, 17.1100, 3.2220**, and if you desaturate by 10%, it is **12.3203, 17.7630, 4.9514**.

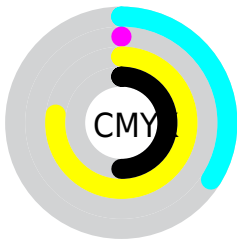
Distribution



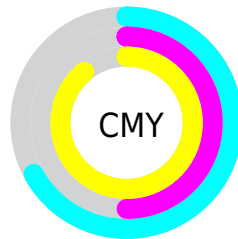
- Red (33%)
- Green (50%)
- Blue (11%)



- Red (11%)
- Yellow (50%)
- Blue (29%)



- Cyan (34%)
- Magenta (0%)
- Yellow (77%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5971, 17.4119, 3.9120 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 11.5971, 17.4119, 3.9120 by changing the saturation by 10% instead.

■ 11.5971, 17.4119,
3.9120

■ 11.5971, 17.4119,
3.9120

195.5443,
237.5350, 147.2422

■ 6.5402, 10.5286,
1.5772

■ 28.3824, 39.0326,
13.8063

■ 3.2200, 5.7508,
0.2745

■ 40.8415, 54.5388,
22.2029

■ 1.2711, 2.6942,
0.0000

■ 56.4988, 73.6882,
33.4571

■ 0.1615, 0.9742,
0.0000

■ 75.7195, 96.8650,
47.9875

■ 0.0000, 0.0000,
0.0000

■ 98.8691, 124.4537,
66.2127

■ 126.3128,

156.8386, 88.5512

158.4161,
194.4043, 115.4215

11.5971, 17.4119,
3.9120

11.5971, 17.4119,
3.9120

10.9820, 17.1100,
3.2220

12.3203, 17.7630,
4.9514

10.4572, 16.8483,
2.7986

13.1585, 18.1644,
6.3775

10.3260, 16.7828,
2.6952

14.1193, 18.6199,
8.2239

15.2094, 19.1322,
10.5205

16.4347, 19.7037,
13.2942

■ 17.8008, 20.3368,
16.5700

■ 19.3128, 21.0337,
20.3710

■ 20.9757, 21.7965,
24.7190

■ 22.7942, 22.6270,
29.6345

Harmonies

Analogous

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



15.8165, 17.4119, 2.4563



11.5971, 17.4119, 3.9120



9.1711, 17.4119, 9.1868

Triad

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



11.5971, 17.4119, 3.9120



12.6439, 17.4119, 57.3854



28.4261, 17.4119, 16.9064

Complementary

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



11.5971, 17.4119, 3.9120



7.0842, 3.8543, 20.7937

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.



27.0959, 17.4119, 33.9665



11.5971, 17.4119, 3.9120



17.3048, 17.4119, 63.2197

Square

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



11.5971, 17.4119, 3.9120



9.6823, 17.4119, 39.7073



22.7425, 17.4119, 53.0408



26.0754, 17.4119, 7.0926

Rectangle

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



11.5971, 17.4119, 3.9120



8.5627, 17.4119, 16.3120



22.7425, 17.4119, 53.0408



28.3976, 17.4119, 21.8770

Sweetspot

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



11.5975, 17.4127, 3.9124



29.8215, 35.1016, 25.4973



11.4355, 9.3004, 2.3551



6.8125, 8.1395, 5.5689



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.5975, 17.4127, 3.9124



18.6095, 29.7615, 5.0989



8.6552, 15.8958, 3.7747



4.4866, 4.9273, 4.6347



10.2401, 16.6413, 2.6724



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.0842, 3.8543, 20.7937



10.3050, 4.7081, 36.3219



12.2777, 6.5316, 21.0368



4.2762, 4.2980, 5.4175



5.5321, 2.4056, 20.4227



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.5971, 17.4119, 3.9120 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 11.5971, 17.4119, 3.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

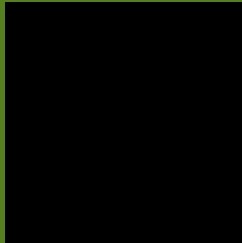
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5971, 17.4119, 3.9120

Background



This preview shows how black text looks on a background with the XYZ color 11.5971, 17.4119, 3.9120.



This preview shows how white text looks on a background with the XYZ color 11.5971, 17.4119,

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

11.5971, 17.4119, 3.9120

Protanopia

15.6378, 17.3112, 3.4945

Deuteranopia

17.5869, 17.3052, 4.1636



Tritanopia

15.4890, 17.3200, 23.2956

Trichromacy



Original Color

11.5971, 17.4119, 3.9120

Protanomaly

13.7244, 17.0228, 3.5993

Deuteranomaly

14.8184, 17.0490, 4.0232

Tritanomaly

13.3490, 16.9847, 12.9307

Monochromacy



Original Color

11.5971, 17.4119, 3.9120

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.1744, 14.8875, 9.2531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5971, 17.4119, 3.9120 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(84, 128, 29)` looks like.

```
.text, #text, p{  
    color:rgb(84, 128, 29)  
}
```

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(84, 128, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 128, 29) }
```

Border

The CSS property to change the border of an element to XYZ 11.5971, 17.4119, 3.9120 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(84, 128, 29) }
```


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

```
.border{ border-color:rgb(84, 128, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 128, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 128, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 128, 29);  
box-shadow:4px 4px 4px 4px rgb(84, 128,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5971, 17.4119, 3.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 128, 29) }
```

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

```
.background{ background-color: rgb(84, 128,  
29) }
```

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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