

Converting Colors

XYZ(11.4905, 15.3075, 5.0384)

Have a look what the booklet for
XYZ(11.4905, 15.3075, 5.0384)
contains.

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Color

**XYZ(11.4905, 15.3075,
5.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	5E752F
RGB	94, 117, 47
RGB Percent	37%, 46%, 18%
CMY	0.6314, 0.5412, 0.8157
CMYK	0.20, 0.00, 0.60, 0.54
HSL	80°, 43%, 32%
HSV	80°, 60%, 46%
XYZ	11.4905, 15.3075, 5.0384
YIQ	102.1430, 8.7620, -26.6460

Conversions

Conversions Part 2

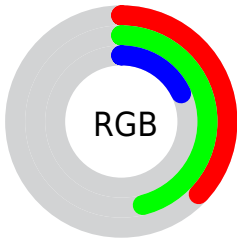
Format	Color
RYB	47, 117, 70
Decimal	6190383
CIELab	46.05, -20.24, 35.18
CIELCh	46, 40.589, 119.906
Yxy	15.3075, 0.3609, 0.4808
Android (android.graphics.Color)	4284380463 (0xFF5E752F)
YUV	102.1430, -27.1855, -7.1414
Hunter-Lab	39.1248, -16.0450, 19.7521

Details

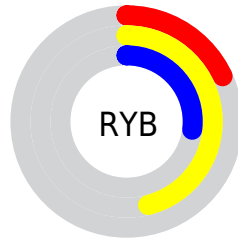
The XYZ color **11.4905, 15.3075, 5.0384** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7538, 4.6199, 17.3663**, and the grayscale version is **12.7344, 13.3976, 14.5900**.

A 20% lighter version of the original color is **28.1533, 35.3315, 16.4021**, and **3.2103, 4.8141, 0.7600** is the 20% darker color. If you saturate the color by 10%, you get **10.9011, 15.0278, 3.9398**, and if you desaturate by 10%, it is **12.1636, 15.6240, 6.4720**.

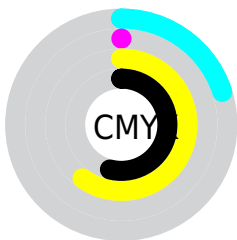
Distribution



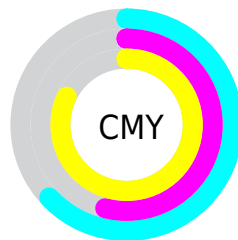
- Red (37%)
- Green (46%)
- Blue (18%)



- Red (18%)
- Yellow (46%)
- Blue (27%)



- Cyan (20%)
- Magenta (0%)
- Yellow (60%)
- Black (54%)





- Cyan (63%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.4905, 15.3075, 5.0384 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 11.4905, 15.3075, 5.0384 by changing the saturation by 10% instead.


 11.4905, 15.3075,
5.0384


 11.4905, 15.3075,
5.0384


194.8420,
225.2200, 159.1494


 6.4675, 9.0355,
2.2107


 28.1887, 35.3917,
16.3415


 3.1747, 4.7643,
0.6805

 40.5945, 49.9727,
25.6539


 1.2468, 2.1097,
0.0000

 56.1921, 68.0922,
37.9651

 0.1429, 0.6701,
0.0000

 75.3466, 90.1345,
53.6934

 0.0000, 0.0000,
0.0000

 98.4235, 116.4840,
73.2574

 125.7882,

147.5252, 97.0757

157.8059,
183.6424, 125.5669

■ 11.4905, 15.3075,
5.0384

■ 11.4905, 15.3075,
5.0384

■ 10.9011, 15.0278,
3.9398

■ 12.1636, 15.6240,
6.4720

■ 10.3888, 14.7807,
3.1480

■ 12.9243, 15.9772,
8.2640

■ 9.9477, 14.5643,
2.6316

■ 13.7772, 16.3697,
10.4368

■ 9.5557, 14.3697,
2.2758

■ 14.7266, 16.8032,
13.0107

■ 9.5492, 14.3665,
2.2697

■ 15.7763, 17.2791,
16.0045

■ 16.9299, 17.7991,
19.4359

■ 18.1908, 18.3644,
23.3215

■ 19.5622, 18.9764,
27.6771

■ 21.0473, 19.6364,
32.5178

Harmonies

Analogous

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



14.5602, 15.3075, 3.9842



11.4905, 15.3075, 5.0384



9.5380, 15.3075, 8.8501

Triad

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



11.4905, 15.3075, 5.0384



11.4743, 15.3075, 39.0566



22.2290, 15.3075, 16.6986

Complementary

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



11.4905, 15.3075, 5.0384



6.7538, 4.6199, 17.3663

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.



21.0655, 15.3075, 28.1034



11.4905, 15.3075, 5.0384



14.5384, 15.3075, 43.7438

Square

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



11.4905, 15.3075, 5.0384



9.5298, 15.3075, 28.0267



18.1078, 15.3075, 39.1118



21.0795, 15.3075, 8.8856

Rectangle

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



11.4905, 15.3075, 5.0384



8.9539, 15.3075, 13.5586



18.1078, 15.3075, 39.1118



22.0933, 15.3075, 20.2181

Sweetspot

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



11.4909, 15.3082, 5.0387



26.6153, 30.1997, 23.9828



9.9882, 8.2645, 3.7583



6.0222, 6.8993, 5.2437



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.



11.4909, 15.3082, 5.0387



19.1337, 26.7238, 6.4199



8.7283, 13.8840, 4.9094



3.8553, 4.2089, 3.9515



10.5040, 15.8194, 2.4998



50.2564, 76.6099, 12.1384

Inverse Universe

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



6.7538, 4.6199, 17.3663



9.8356, 5.6800, 30.7150



9.9563, 6.2709, 17.5161



3.6035, 3.6429, 4.6035



4.4214, 1.8706, 18.6706



20.7297, 8.6950, 90.9460

Previews

White Background



This preview shows how the XYZ color 11.4905, 15.3075, 5.0384 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 11.4905, 15.3075, 5.0384 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 11.4905, 15.3075, 5.0384

Background



This preview shows how black text looks on a background with the XYZ color 11.4905, 15.3075, 5.0384.



This preview shows how white text looks on a background with the XYZ color 11.4905, 15.3075,

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

11.4905, 15.3075, 5.0384

Protanopia

13.8275, 15.1917, 4.6861

Deuteranopia

15.3794, 15.2080, 5.2568



Tritanopia

14.4395, 15.3434, 19.3401

Trichromacy



Original Color

11.4905, 15.3075, 5.0384

Protanomaly

12.8429, 15.1651, 4.8350

Deuteranomaly

13.6521, 15.0895, 5.2106

Tritanomaly

13.0924, 15.2923, 12.3869

Monochromacy



Original Color

11.4905, 15.3075, 5.0384

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.9263, 13.7772, 10.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4905, 15.3075, 5.0384 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, 117, 47)` looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 47)  
}
```

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, 117, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 47) }
```

Border

The CSS property to change the border of an element to XYZ 11.4905, 15.3075, 5.0384 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, 117, 47) }
```


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

```
.border{ border-color:rgb(94, 117, 47) }
```

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

Here you see how a box with a 4 pixel rgb(94, 117, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 47);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4905, 15.3075, 5.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 47) }
```

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

```
.background{ background-color: rgb(94, 117,  
47) }
```

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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