

Converting Colors

XYZ(11.4622, 15.9144, 8.4550)

Have a look what the booklet for
XYZ(11.4622, 15.9144, 8.4550)
contains.

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Color

**XYZ(11.4544, 15.9235,
8.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	527947
RGB	82, 121, 71
RGB Percent	32%, 47%, 28%
CMY	0.6784, 0.5255, 0.7216
CMYK	0.32, 0.00, 0.41, 0.53
HSL	107°, 26%, 38%
HSV	107°, 41%, 47%
XYZ	11.4544, 15.9235, 8.4311
YIQ	103.6390, -7.1940, -23.8180

Conversions

Conversions Part 2

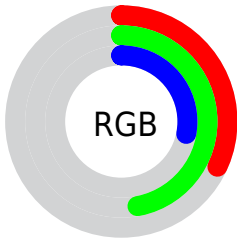
Format	Color
RYB	71, 121, 110
Decimal	5404999
CIELab	46.87, -24.04, 23.16
CIElCh	47, 33.377, 136.066
Yxy	15.9235, 0.3199, 0.4447
Android (android.graphics.Color)	4283595079 (0xFF527947)
YUV	103.6390, -16.0910, -18.9774
Hunter-Lab	39.9043, -18.5946, 15.4060

Details

The XYZ color **11.4544, 15.9235, 8.4311** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.1355, 9.2024, 19.2266**, and the grayscale version is **13.1050, 13.7875, 15.0145**.

A 20% lighter version of the original color is **28.1991, 36.6147, 23.3504**, and **3.1635, 5.0494, 1.7852** is the 20% darker color. If you saturate the color by 10%, you get **10.3391, 15.3895, 6.5498**, and if you desaturate by 10%, it is **12.7608, 16.5480, 10.7258**.

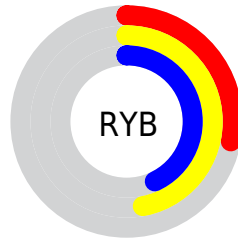
Distribution



Red (32%)

Green (47%)

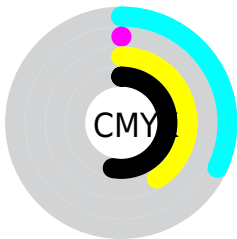
Blue (28%)



Red (28%)

Yellow (47%)

Blue (43%)

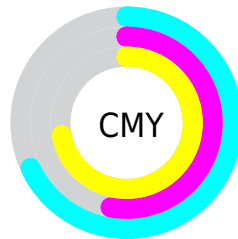


Cyan (32%)

Magenta (0%)

Yellow (41%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4544, 15.9235, 8.4311 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 11.4544, 15.9235, 8.4311 by changing the saturation by 10% instead.

■ 11.4544, 15.9235,
8.4311

■ 11.4544, 15.9235,
8.4311

194.6036,
228.8899, 189.1344

■ 6.4429, 9.4700,
4.2803

■ 28.1230, 36.4653,
23.3593

■ 3.1594, 5.0490,
1.7803

■ 40.5108, 51.3225,
34.9738

■ 1.2386, 2.2761,
0.4149

■ 56.0880, 69.7497,
49.9133

■ 0.1365, 0.7610,
0.0000

■ 75.2201, 92.1313,
68.5963

■ 0.0000, 0.0000,
0.0000

■ 98.2723, 118.8518,
91.4414

125.6101,

150.2954, 118.8670

157.5987,
186.8466, 151.2919

■ 11.4544, 15.9235,
8.4311

■ 11.4544, 15.9235,
8.4311

■ 10.3391, 15.3895,
6.5498

■ 12.7608, 16.5480,
10.7258

■ 9.4046, 14.9398,
5.0563

■ 14.2656, 17.2649,
13.4553

■ 8.6411, 14.5705,
3.9239


■ 15.9773, 18.0786,
16.6409

■ 8.0377, 14.2766,
3.1218


■ 17.9034, 18.9925,
20.3021


■ 7.5819, 14.0524,
2.6144


■ 20.0512, 20.0100,
24.4574

 7.2796, 13.9032,
2.2999

 22.4275, 21.1342,
29.1240

 25.0387, 22.3680,
34.3187

 27.8913, 23.7145,
40.0573

 30.9912, 25.1764,
46.3548

Harmonies

Analogous

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



13.6394, 15.9235, 6.0528



11.4544, 15.9235, 8.4311



10.3303, 15.9235, 13.7605

Triad

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



11.4544, 15.9235, 8.4311



13.8278, 15.9235, 37.9895



21.1694, 15.9235, 13.2728

Complementary

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



11.4544, 15.9235, 8.4311



12.1355, 9.2024, 19.2266

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.



21.2368, 15.9235, 21.4874



11.4544, 15.9235, 8.4311



16.7357, 15.9235, 37.7298

Square

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



11.4544, 15.9235, 8.4311



11.5771, 15.9235, 31.6173



19.5295, 15.9235, 30.9923



19.3556, 15.9235, 8.1731

Rectangle

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



11.4544, 15.9235, 8.4311



10.2274, 15.9235, 19.0861



19.5295, 15.9235, 30.9923



21.4043, 15.9235, 15.7000

Sweetspot

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



11.4548, 15.9242, 8.4315



28.2934, 32.2223, 29.2035



14.5274, 15.5291, 8.1932



6.3985, 7.3340, 6.5445



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.



11.4548, 15.9242, 8.4315



18.5273, 27.5638, 11.7505



11.0497, 15.6604, 10.8969



4.0258, 4.4886, 4.2787



7.7922, 14.8943, 2.4642



36.5568, 70.7312, 11.7257

Inverse Universe

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



12.1355, 9.2024, 19.2266



19.9151, 13.7086, 33.9893



12.8280, 9.6475, 15.2812



4.0723, 4.0352, 5.0074



8.6778, 4.0463, 19.7089



40.6462, 18.9159, 93.9786

Previews

White Background



This preview shows how the XYZ color 11.4544, 15.9235, 8.4311 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 11.4544, 15.9235, 8.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

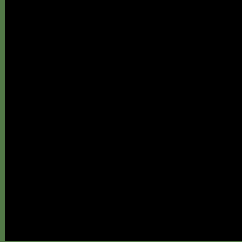
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4544, 15.9235, 8.4311

Background



This preview shows how black text looks on a background with the XYZ color 11.4544, 15.9235, 8.4311.



This preview shows how white text looks on a background with the XYZ color 11.4544, 15.9235,

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

11.4544, 15.9235, 8.4311

Protanopia

14.5827, 15.8391, 7.5988

Deuteranopia

16.0629, 15.7890, 8.6795



Tritanopia

14.0832, 15.9409, 21.4034

Trichromacy



Original Color

11.4544, 15.9235, 8.4311

Protanomaly

13.2375, 15.8046, 7.8217

Deuteranomaly

13.8265, 15.4273, 8.5524

Tritanomaly

12.9356, 15.8172, 15.7358

Monochromacy



Original Color

11.4544, 15.9235, 8.4311

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.3316, 14.4114, 12.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4544, 15.9235, 8.4311 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(82, 121, 71)` looks like.

```
.text, #text, p{  
    color:rgb(82, 121, 71)  
}
```

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(82, 121, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 121, 71) }
```

Border

The CSS property to change the border of an element to XYZ 11.4544, 15.9235, 8.4311 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(82, 121, 71) }
```


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

```
.border{ border-color:rgb(82, 121, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 121, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 121, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 121, 71);  
box-shadow:4px 4px 4px 4px rgb(82, 121,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4544, 15.9235, 8.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 121, 71) }
```

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

```
.background{ background-color: rgb(82, 121,  
71) }
```

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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