

Converting Colors

XYZ(15.5687, 13.5546, 4.4767)

Have a look what the booklet for
XYZ(15.5687, 13.5546, 4.4767)
contains.

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Color

**XYZ(15.5819, 13.5270,
4.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5B2F
RGB	143, 91, 47
RGB Percent	56%, 36%, 18%
CMY	0.4392, 0.6431, 0.8157
CMYK	0.00, 0.36, 0.67, 0.44
HSL	28°, 51%, 37%
HSV	28°, 67%, 56%
XYZ	15.5819, 13.5270, 4.4791
YIQ	101.5320, 45.1160, -2.6600

Conversions

Conversions Part 2

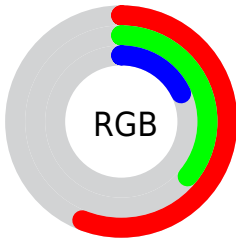
Format	Color
R _Y B	143, 128, 47
Decimal	9394991
CIE Lab	43.55, 16.98, 33.63
CIE LCh	44, 37.672, 63.202
Yxy	13.5270, 0.4639, 0.4027
Android (android.graphics.Color)	4287585071 (0xFF8F5B2F)
YUV	101.5320, -26.8843, 36.3674
Hunter-Lab	36.7791, 11.2603, 18.5248

Details

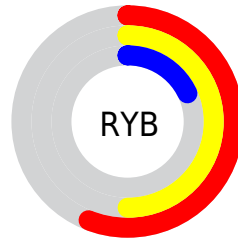
The XYZ color **15.5819, 13.5270, 4.4791** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.5920, 11.5109, 27.6502**, and the grayscale version is **12.5671, 13.2216, 14.3983**.

A 20% lighter version of the original color is **35.4099, 32.1553, 15.1668**, and **5.0582, 4.0006, 0.5056** is the 20% darker color. If you saturate the color by 10%, you get **14.7111, 12.1739, 2.9915**, and if you desaturate by 10%, it is **16.6163, 15.0560, 6.4880**.

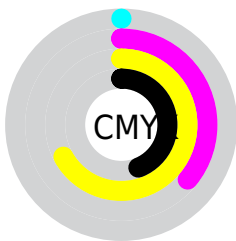
Distribution



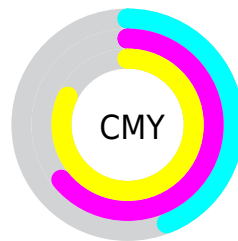
- Red (56%)
- Green (36%)
- Blue (18%)



- Red (56%)
- Yellow (50%)
- Blue (18%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (44%)





- Cyan (44%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5819, 13.5270, 4.4791 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 15.5819, 13.5270, 4.4791 by changing the saturation by 10% instead.


 15.5819, 13.5270,
4.4791


 15.5819, 13.5270,
4.4791


220.1810,
214.2681, 153.4104


 9.3177, 7.7924,
1.8917


 35.4342, 32.2474,
15.1004


 5.0078, 3.9624,
0.4874


 49.7530, 46.0020,
23.9715


 2.2866, 1.6526,
0.0000

 67.4874, 63.1987,
35.7741

 0.7878, 0.3927,
0.0000

 89.0028, 84.2219,
50.9269

 0.0000, 0.0000,
0.0000

 114.6645,
109.4561, 69.8484

 144.8379,

139.2856, 92.9571

179.8883,
174.0948, 120.6716

■ 15.5819, 13.5270,
4.4791

■ 15.5819, 13.5270,
4.4791

■ 14.7111, 12.1739,
2.9915

■ 16.6163, 15.0560,
6.4880

■ 13.9912, 10.9866,
1.9729

■ 17.8235, 16.7662,
9.0619

■ 13.4032, 9.9548,
1.3328

■ 19.2134, 18.6650,
12.2410

■ 13.2495, 9.6832,
1.1707

■ 20.7944, 20.7587,
16.0614

■ 22.5745, 23.0534,
20.5563

■ 24.5612, 25.5547,
25.7566

■ 26.7615, 28.2680,
31.6915

■ 29.1821, 31.1988,
38.3882

■ 31.8294, 34.3518,
45.8728

Harmonies

Analogous

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



18.1995, 13.5270, 7.5147



15.5819, 13.5270, 4.4791



12.5433, 13.5270, 3.7471

Triad

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



15.5819, 13.5270, 4.4791



7.9925, 13.5270, 15.6530



16.2129, 13.5270, 32.8863

Complementary

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



15.5819, 13.5270, 4.4791



10.5920, 11.5109, 27.6502

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.



13.1759, 13.5270, 37.5712



15.5819, 13.5270, 4.4791



8.6780, 13.5270, 25.5103

Square

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



15.5819, 13.5270, 4.4791



8.4369, 13.5270, 8.5616



10.4699, 13.5270, 34.4579



18.6011, 13.5270, 23.3140

Rectangle

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



15.5819, 13.5270, 4.4791



10.7531, 13.5270, 4.2875



10.4699, 13.5270, 34.4579



15.2189, 13.5270, 35.2211

Sweetspot

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



15.5822, 13.5277, 4.4794



39.3380, 39.8922, 34.0269



14.6349, 8.7891, 12.9312



8.8359, 8.9097, 7.3348



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.5822, 13.5277, 4.4794



25.5939, 20.5792, 4.2422



20.9580, 24.2793, 6.2713



5.5998, 5.8058, 5.7149



11.7356, 8.6029, 1.0420



0.1338, 0.1255, 0.0172

Inverse Universe

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



10.5920, 11.5109, 27.6502



15.9503, 16.6467, 48.9105



7.3495, 5.0259, 26.5693



5.3563, 5.7085, 6.8483



6.7796, 6.5452, 23.8831



0.0869, 0.1067, 0.2357

Previews

White Background



This preview shows how the XYZ color 15.5819, 13.5270, 4.4791 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 15.5819, 13.5270, 4.4791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

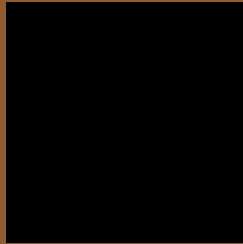
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5819, 13.5270, 4.4791

Background



This preview shows how black text looks on a background with the XYZ color 15.5819, 13.5270, 4.4791.



This preview shows how white text looks on a background with the XYZ color 15.5819, 13.5270,

4.4791.

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

15.5819, 13.5270, 4.4791

Protanopia

12.3872, 13.5169, 5.0881

Deuteranopia

13.7434, 13.5140, 4.3667



Tritanopia

17.1136, 13.5393, 11.8366

Trichromacy



Original Color

15.5819, 13.5270, 4.4791

Protanomaly

13.4950, 13.5139, 4.9148

Deuteranomaly

14.2582, 13.3682, 4.4136

Tritanomaly

16.4713, 13.5210, 8.5792

Monochromacy



Original Color

15.5819, 13.5270, 4.4791

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.2268, 13.1265, 9.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5819, 13.5270, 4.4791 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(143, 91, 47)` looks like.

```
.text, #text, p{  
    color:rgb(143, 91, 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(143, 91, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 91, 47) }
```

Border

The CSS property to change the border of an element to XYZ 15.5819, 13.5270, 4.4791 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(143, 91, 47) }
```


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

```
.border{ border-color:rgb(143, 91, 47) }
```

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

Here you see how a box with a 4 pixel rgb(143, 91, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 91, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 91, 47);  
box-shadow:4px 4px 4px 4px rgb(143, 91,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5819, 13.5270, 4.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 91, 47) }
```

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

```
.background{ background-color: rgb(143, 91,  
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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