

Converting Colors

XYZ(11.5472, 18.0893, 8.0066)

Have a look what the booklet for
XYZ(11.5472, 18.0893, 8.0066)
contains.

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Color

**XYZ(11.5494, 18.0892,
8.0371)**

Conversions

Conversions Part 1	
Format	Color
Hex	438442
RGB	67, 132, 66
RGB Percent	26%, 52%, 26%
CMY	0.7373, 0.4823, 0.7412
CMYK	0.49, 0.00, 0.50, 0.48
HSL	119°, 33%, 39%
HSV	119°, 50%, 52%
XYZ	11.5494, 18.0892, 8.0371
YIQ	105.0410, -17.5540, -34.3060

Conversions

Conversions Part 2

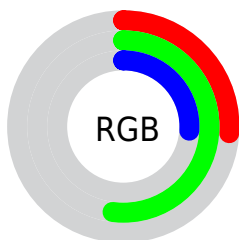
Format	Color
RYB	66, 132, 131
Decimal	4424770
CIELab	49.60, -35.12, 29.21
CIELCh	50, 45.685, 140.248
Yxy	18.0892, 0.3065, 0.4801
Android (android.graphics.Color)	4282614850 (0xFF438442)
YUV	105.0410, -19.2472, -33.3620
Hunter-Lab	42.5314, -25.9583, 18.5680

Details

The XYZ color **11.5494, 18.0892, 8.0371** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.4740, 10.3883, 23.0203**, and the grayscale version is **13.4927, 14.1954, 15.4588**.

A 20% lighter version of the original color is **28.3991, 40.3487, 22.5109**, and **3.2225, 6.1268, 1.6288** is the 20% darker color. If you saturate the color by 10%, you get **10.4110, 17.5428, 6.1816**, and if you desaturate by 10%, it is **12.9787, 18.7763, 10.3759**.

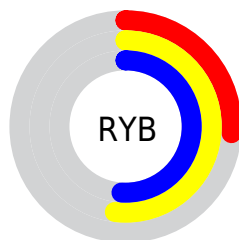
Distribution



Red (26%)

Green (52%)

Blue (26%)



Red (26%)

Yellow (52%)

Blue (51%)

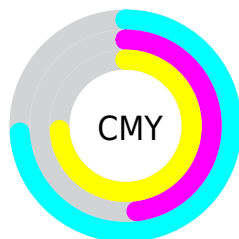


Cyan (49%)

Magenta (0%)

Yellow (50%)

Black (48%)



Cyan (74%)


Magenta (48%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5494, 18.0892, 8.0371 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 11.5494, 18.0892, 8.0371 by changing the saturation by 10% instead.


 11.5494, 18.0892,
8.0371


 11.5494, 18.0892,
8.0371

195.2304,
241.3733, 185.9682


 6.5077, 11.0140,
4.0306


 28.2958, 40.1893,
22.5785


 3.1997, 6.0763,
1.6421


 40.7311, 55.9830,
33.9505


 1.2602, 2.8915,
0.3206

 56.3616, 75.4516,
48.6147

 0.1532, 1.0754,
0.0000

 75.5528, 98.9797,
66.9897


 0.0000, 0.0000,
0.0000


 98.6699, 126.9515,
89.4940


126.0783,


159.7514, 116.5461


158.1433,
197.7639, 148.5647

 11.5494, 18.0892,
8.0371


 11.5494, 18.0892,
8.0371

 10.4110, 17.5428,
6.1816


 12.9787, 18.7763,
10.3759


 9.5423, 17.1252,
4.7747


 14.7154, 19.6103,
13.2273


 8.9215, 16.8265,
3.7786


 16.7766, 20.5999,
16.6195


 8.5226, 16.6344,
3.1492


 19.1777, 21.7526,
20.5787


 8.2767, 16.5162,
2.7517


 21.9329, 23.0751,
25.1289

 8.2766, 16.5162,
2.7517

 25.0559, 24.5740,
30.2930

 28.5594, 26.2553,
36.0928

 32.4556, 28.1251,
42.5487

 36.7563, 30.1888,
49.6804

Harmonies

Analogous

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



14.4676, 18.0892, 4.7183



11.5494, 18.0892, 8.0371



10.2188, 18.0892, 15.9238

Triad

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



11.5494, 18.0892, 8.0371



15.8200, 18.0892, 53.8216



26.2564, 18.0892, 12.5374

Complementary

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



11.5494, 18.0892, 8.0371



15.4740, 10.3883, 23.0203

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.



26.7830, 18.0892, 24.0215



11.5494, 18.0892, 8.0371



20.2414, 18.0892, 51.6433

Square

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



11.5494, 18.0892, 8.0371



12.3960, 18.0892, 44.3315



24.4286, 18.0892, 39.2384



23.0915, 18.0892, 6.4557

Rectangle

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



11.5494, 18.0892, 8.0371



10.2276, 18.0892, 24.2542



24.4286, 18.0892, 39.2384



26.7662, 18.0892, 15.7481

Sweetspot

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



11.5498, 18.0900, 8.0375



31.4475, 37.1957, 32.4001



18.6028, 21.5056, 8.3251



7.1471, 8.5762, 7.2557



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.5498, 18.0900, 8.0375



18.1064, 30.7888, 10.5119



12.6985, 18.5416, 14.4407



4.6223, 5.2079, 4.9910



8.0139, 15.9913, 2.6642



0.0282, 0.0556, 0.0092

Inverse Universe

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



15.4740, 10.3883, 23.0203



25.8504, 15.5781, 40.0976



13.7697, 9.7245, 13.2338



4.8511, 4.7593, 5.8637



12.9470, 6.2086, 21.6527



0.0454, 0.0218, 0.0750

Previews

White Background



This preview shows how the XYZ color 11.5494, 18.0892, 8.0371 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 11.5494, 18.0892, 8.0371 looks on a black 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

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

XYZ 11.5494, 18.0892, 8.0371

Background



This preview shows how black text looks on a background with the XYZ color 11.5494, 18.0892, 8.0371.



This preview shows how white text looks on a background with the XYZ color 11.5494, 18.0892,

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

11.5494, 18.0892, 8.0371

Protanopia

16.2569, 17.7266, 6.9796

Deuteranopia

18.0868, 17.7941, 8.4426



Tritanopia

14.9904, 17.9304, 25.2251

Trichromacy



Original Color
11.5494, 18.0892, 8.0371

Protanomaly
13.8006, 17.3421, 7.3226

Deuteranomaly
14.7412, 17.2682, 8.1864

Tritanomaly
13.4103, 17.8607, 17.2087

Monochromacy



Original Color
11.5494, 18.0892, 8.0371

Achromatopsia
13.4271, 14.1263, 15.3836

Achromatomaly
12.3334, 15.2409, 12.1893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5494, 18.0892, 8.0371 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(67, 132, 66)` looks like.

```
.text, #text, p{  
    color:rgb(67, 132, 66)  
}
```

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(67, 132, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 132, 66) }
```

Border

The CSS property to change the border of an element to XYZ 11.5494, 18.0892, 8.0371 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(67, 132, 66) }
```

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

```
.border{ border-color:rgb(67, 132, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 132, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 132, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 132, 66);  
box-shadow:4px 4px 4px 4px rgb(67, 132,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5494, 18.0892, 8.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 132, 66) }
```

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

```
.background{ background-color: rgb(67, 132,  
66) }
```

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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