

Converting Colors

XYZ(11.0683, 14.4052, 8.1349)

Have a look what the booklet for
XYZ(11.0683, 14.4052, 8.1349)
contains.

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Color

**XYZ(11.0670, 14.3399,
8.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	587147
RGB	88, 113, 71
RGB Percent	35%, 44%, 28%
CMY	0.6549, 0.5569, 0.7216
CMYK	0.22, 0.00, 0.37, 0.56
HSL	96°, 23%, 36%
HSV	96°, 37%, 44%
XYZ	11.0670, 14.3399, 8.1458
YIQ	100.7370, -1.4180, -18.3620

Conversions

Conversions Part 2

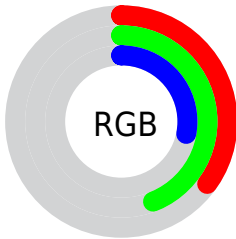
Format	Color
RYB	71, 113, 96
Decimal	5796167
CIELab	44.72, -17.55, 20.41
CIELCh	45, 26.920, 130.695
Yxy	14.3399, 0.3298, 0.4274
Android (android.graphics.Color)	4283986247 (0xFF587147)
YUV	100.7370, -14.6603, -11.1703
Hunter-Lab	37.8681, -14.1022, 13.7538

Details

The XYZ color **11.0670, 14.3399, 8.1458** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.0583, 8.1859, 16.6734**, and the grayscale version is **12.3390, 12.9816, 14.1370**.

A 20% lighter version of the original color is **27.4928, 33.7553, 22.8357**, and **2.9912, 4.3266, 1.6547** is the 20% darker color. If you saturate the color by 10%, you get **10.1300, 13.8954, 6.3818**, and if you desaturate by 10%, it is **12.1309, 14.8429, 10.2685**.

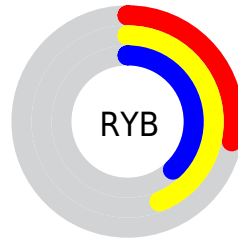
Distribution



Red (35%)

Green (44%)

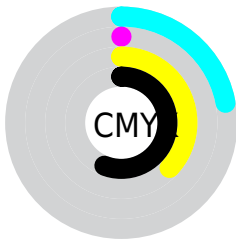
Blue (28%)



Red (28%)

Yellow (44%)

Blue (38%)

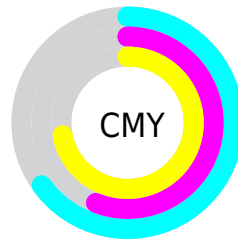


Cyan (22%)

Magenta (0%)

Yellow (37%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0670, 14.3399, 8.1458 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 11.0670, 14.3399, 8.1458 by changing the saturation by 10% instead.

■ 11.0670, 14.3399,
8.1458

■ 11.0670, 14.3399,
8.1458

192.0254,
219.3352, 186.8483

■ 6.1795, 8.3574,
4.0993

■ 27.4158, 33.6909,
22.7946

■ 2.9963, 4.3245,
1.6800

■ 39.6079, 47.8283,
34.2341

■ 1.1518, 1.8567,
0.3469

■ 54.9656, 65.4527,
48.9748

■ 0.0678, 0.5221,
0.0000

■ 73.8543, 86.9487,
67.4355

■ 0.0000, 0.0000,
0.0000

■ 96.6392, 112.7005,
90.0347

123.6858,

143.0926, 117.1908

155.3595,
178.5094, 149.3225

■ 11.0670, 14.3399,
8.1458

■ 11.0670, 14.3399,
8.1458

■ 10.1300, 13.8954,
6.3818

■ 12.1309, 14.8429,
10.2685

■ 9.3136, 13.5052,
4.9557

■ 13.3258, 15.4048,
12.7673

■ 8.6124, 13.1676,
3.8462


■ 14.6565, 16.0282,
15.6595


■ 8.0199, 12.8796,
3.0289


■ 16.1276, 16.7150,
18.9610

■ 7.5293, 12.6384,
2.4761

■ 17.7433, 17.4672,
22.6871


 7.1250, 12.4375,
2.1170

 19.5076, 18.2863,
26.8520

 7.0203, 12.3856,
2.0206

 21.4244, 19.1743,
31.4694

 23.4974, 20.1326,
36.5525

 25.7302, 21.1629,
42.1136

Harmonies

Analogous

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



12.8639, 14.3399, 6.5163



11.0670, 14.3399, 8.1458



10.0330, 14.3399, 11.9605

Triad

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



11.0670, 14.3399, 8.1458



12.2859, 14.3399, 29.9645



18.1944, 14.3399, 13.4832

Complementary

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



11.0670, 14.3399, 8.1458



10.0583, 8.1859, 16.6734

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.



17.9970, 14.3399, 19.9440



11.0670, 14.3399, 8.1458



14.4252, 14.3399, 30.6930

Square

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



11.0670, 14.3399, 8.1458



10.6830, 14.3399, 24.8585



16.5602, 14.3399, 26.6430



17.0737, 14.3399, 9.0028

Rectangle

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



11.0670, 14.3399, 8.1458



9.8417, 14.3399, 15.7604



16.5602, 14.3399, 26.6430



18.2828, 14.3399, 15.4680

Sweetspot

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



11.0674, 14.3405, 8.1461



25.2308, 28.2260, 25.8160



12.0853, 12.2410, 7.6872



5.7803, 6.5020, 5.8512



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.0674, 14.3405, 8.1461



18.2912, 24.9536, 11.7051



9.7570, 13.6517, 8.6882



3.4610, 3.8230, 3.6288



7.9415, 14.0377, 2.2910



38.6359, 69.4516, 11.3692

Inverse Universe

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



10.0583, 8.1859, 16.6734



16.1854, 12.1335, 29.4644



11.8511, 9.1325, 15.7483



3.3901, 3.3894, 4.2298



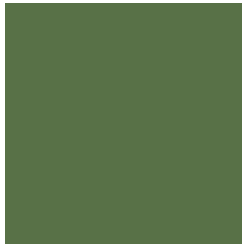
6.0047, 2.7050, 17.9272



28.9178, 12.9620, 89.2569

Previews

White Background



This preview shows how the XYZ color 11.0670, 14.3399, 8.1458 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 11.0670, 14.3399, 8.1458 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 11.0670, 14.3399, 8.1458

Background



This preview shows how black text looks on a background with the XYZ color 11.0670, 14.3399, 8.1458.



This preview shows how white text looks on a background with the XYZ color 11.0670, 14.3399,

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

11.0670, 14.3399, 8.1458

Protanopia

13.1652, 14.1653, 7.5091

Deuteranopia

14.4939, 14.2374, 8.4627



Tritanopia

13.2343, 14.4190, 18.6086

Trichromacy



Original Color

11.0670, 14.3399, 8.1458

Protanomaly

12.2624, 14.1581, 7.7167

Deuteranomaly

12.9363, 14.0289, 8.3294

Tritanomaly

12.2898, 14.3473, 14.1781

Monochromacy



Original Color

11.0670, 14.3399, 8.1458

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.7209, 13.3281, 11.6277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0670, 14.3399, 8.1458 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(88, 113, 71)` looks like.

```
.text, #text, p{  
    color:rgb(88, 113, 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(88, 113, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 113, 71) }
```

Border

The CSS property to change the border of an element to XYZ 11.0670, 14.3399, 8.1458 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(88, 113, 71) }
```


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

```
.border{ border-color:rgb(88, 113, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 113, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 113, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 113, 71);  
box-shadow:4px 4px 4px 4px rgb(88, 113,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0670, 14.3399, 8.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 113, 71) }
```

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

```
.background{ background-color: rgb(88, 113,  
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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