

Converting Colors

XYZ(13.6395, 11.1613, 1.4355)

Have a look what the booklet for
XYZ(13.6395, 11.1613, 1.4355)
contains.

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Color

**XYZ(13.6112, 11.1674,
1.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4F00
RGB	140, 79, 0
RGB Percent	55%, 31%, 0%
CMY	0.4510, 0.6902, 1.0000
CMYK	0.00, 0.44, 1.00, 0.45
HSL	34°, 100%, 27%
HSV	34°, 100%, 55%
XYZ	13.6112, 11.1674, 1.4381
YIQ	88.2330, 61.7150, -11.6370

Conversions

Conversions Part 2

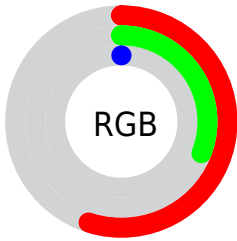
Format	Color
R_{YB}	108, 140, 0
Decimal	9195264
CIE _{Lab}	39.86, 20.81, 49.04
CIE _{LCh}	40, 53.269, 67.004
Yxy	11.1674, 0.5192, 0.4260
Android (android.graphics.Color)	4287385344 (0xFF8C4F00)
YUV	88.2330, -43.4989, 45.3997
Hunter-Lab	33.4177, 14.2231, 20.8409

Details

The XYZ color **13.6112, 11.1674, 1.4381** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4022, 5.2307, 25.4830**, and the grayscale version is **9.4099, 9.9000, 10.7811**.

A 20% lighter version of the original color is **32.1173, 28.1282, 7.4779**, and **4.1393, 2.9831, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **13.6114, 11.1679, 1.4382**, and if you desaturate by 10%, it is **14.1511, 12.1205, 2.0092**.

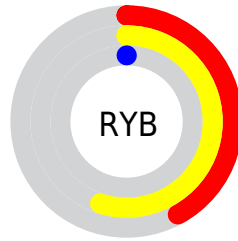
Distribution



Red (55%)

Green (31%)

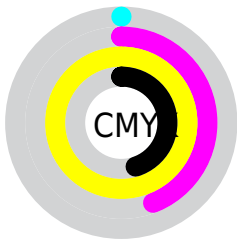
Blue (0%)



Red (42%)

Yellow (55%)

Blue (0%)

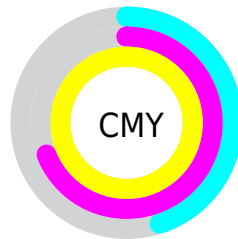


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (69%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6112, 11.1674, 1.4381 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 13.6112, 11.1674, 1.4381 by changing the saturation by 10% instead.


 13.6112, 11.1674,
1.4381


 13.6112, 11.1674,
1.4381


 208.3579,
198.8124, 112.9308


 7.9306, 6.1795,
0.1712


 31.9896, 27.9693,
7.4383


 4.1020, 2.9546,
0.0000

 45.4182, 40.5521,
13.2061

 1.7600, 1.1081,
0.0000

 62.1601, 56.4354,
21.3773

 0.4934, 0.0000,
0.0000


 82.5808, 76.0036,
32.3702


 0.0000, 0.0000,
0.0000


 107.0455, 99.6409,
46.6035


 135.9197,


127.7319, 64.4957


 169.5687,
160.6610, 86.4653


 13.6112, 11.1674,
1.4381


 13.6112, 11.1674,
1.4381


 13.6114, 11.1679,
1.4382

 14.1511, 12.1205,
2.0092

 14.7833, 13.1763,
2.8629

 15.5359, 14.3481,
4.1413

 16.4194, 15.6418,
5.8954

 17.4431, 17.0624,
8.1687

■ 18.6151, 18.6148,
10.9998

■ 19.9428, 20.3032,
14.4235

■ 21.4332, 22.1319,
18.4720

■ 23.0926, 24.1046,
23.1748

Harmonies

Analogous

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



17.2928, 11.1674, 3.6100



13.6112, 11.1674, 1.4381



9.7782, 11.1674, 1.1157

Triad

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



13.6112, 11.1674, 1.4381



5.0451, 11.1674, 14.7892



15.4440, 11.1674, 36.4363

Complementary

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



13.6112, 11.1674, 1.4381



6.4022, 5.2307, 25.4830

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.



11.4967, 11.1674, 45.1894



13.6112, 11.1674, 1.4381



5.9238, 11.1674, 28.7935

Square

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



13.6112, 11.1674, 1.4381



5.3604, 11.1674, 5.8578



8.0931, 11.1674, 41.7926



18.5096, 11.1674, 21.8673

Rectangle

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



13.6112, 11.1674, 1.4381



7.7261, 11.1674, 1.5866



8.0931, 11.1674, 41.7926



14.1451, 11.1674, 40.4492

Sweetspot

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



13.6114, 11.1680, 1.4383



35.0036, 35.5998, 25.0148



11.7124, 5.9344, 5.2309



7.8587, 7.9423, 5.2228



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.6114, 11.1680, 1.4383



23.8357, 19.3657, 2.4817



19.0509, 23.7426, 3.5788



5.2516, 5.4861, 5.3345



12.1142, 9.9629, 1.2845



0.0951, 0.0954, 0.0134

Inverse Universe

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



6.4022, 5.2307, 25.4830



11.1331, 8.9131, 44.8766



4.8213, 1.9387, 24.9309



4.9422, 5.2274, 6.3543



5.7077, 4.6856, 22.6493



0.0521, 0.0594, 0.1552

Previews

White Background



This preview shows how the XYZ color 13.6112, 11.1674, 1.4381 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



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 13.6112, 11.1674, 1.4381

Background



This preview shows how black text looks on a background with the XYZ color 13.6112, 11.1674, 1.4381.



This preview shows how white text looks on a background with the XYZ color 13.6112, 11.1674,

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

13.6112, 11.1674, 1.4381

Protanopia

10.2160, 11.3344, 1.9659

Deuteranopia

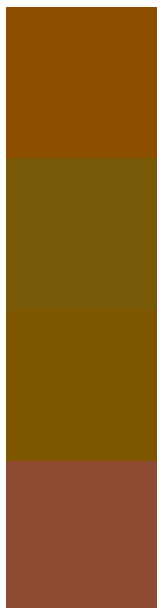
11.4019, 11.3054, 1.5812



Tritanopia

15.1215, 11.1692, 8.7560

Trichromacy



Original Color

13.6112, 11.1674, 1.4381

Protanomaly

11.2185, 11.0820, 1.7488

Deuteranomaly

12.0802, 11.1676, 1.5189

Tritanomaly

14.2471, 11.0132, 4.3925

Monochromacy



Original Color

13.6112, 11.1674, 1.4381

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.0257, 9.9083, 5.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6112, 11.1674, 1.4381 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(140, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 79, 0)  
}
```

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(140, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 79, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.6112, 11.1674, 1.4381 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(140, 79, 0) }
```


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

```
.border{ border-color:rgb(140, 79, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 79, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.6112, 11.1674, 1.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 79, 0) }
```

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

```
.background{ background-color: rgb(140, 79,  
0) }
```

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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