

Converting Colors

XYZ(13.8475, 10.9307, 1.3800)

Have a look what the booklet for
XYZ(13.8475, 10.9307, 1.3800)
contains.

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Color

**XYZ(13.9121, 11.0085,
1.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4C00
RGB	143, 76, 0
RGB Percent	56%, 30%, 0%
CMY	0.4392, 0.7019, 1.0000
CMYK	0.00, 0.47, 1.00, 0.44
HSL	32°, 100%, 28%
HSV	32°, 100%, 56%
XYZ	13.9121, 11.0085, 1.3916
YIQ	87.3690, 64.3280, -9.4320

Conversions

Conversions Part 2

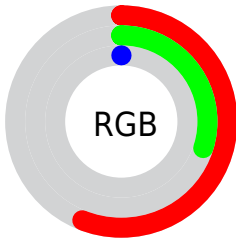
Format	Color
R_{YB}	126, 143, 0
Decimal	9391104
CIE Lab	39.59, 23.87, 49.09
CIE LCh	40, 54.589, 64.068
Yxy	11.0085, 0.5287, 0.4184
Android (android.graphics.Color)	4287581184 (0xFF8F4C00)
YUV	87.3690, -43.0729, 48.7884
Hunter-Lab	33.1791, 16.7823, 20.7386

Details

The XYZ color **13.9121, 11.0085, 1.3916** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.9649, 5.9972, 26.7768**, and the grayscale version is **9.2197, 9.6998, 10.5631**.

A 20% lighter version of the original color is **32.5076, 27.7541, 7.2582**, and **4.3020, 2.9070, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **13.9122, 11.0089, 1.3917**, and if you desaturate by 10%, it is **14.4796, 12.0134, 1.9820**.

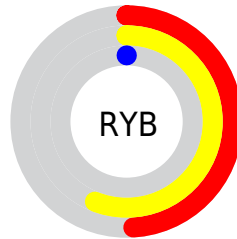
Distribution



Red (56%)

Green (30%)

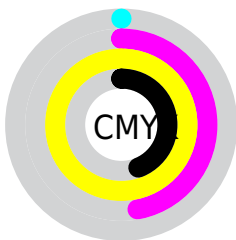
Blue (0%)



Red (49%)

Yellow (56%)

Blue (0%)

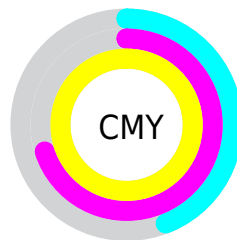


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9121, 11.0085, 1.3916 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 13.9121, 11.0085, 1.3916 by changing the saturation by 10% instead.

13.9121, 11.0085,
1.3916

13.9121, 11.0085,
1.3916

210.2049,
197.7259, 112.0709

8.1408, 6.0726,
0.1352

32.5206, 27.6759,
7.2985

4.2378, 2.8892,
0.0000

46.0885, 40.1761,
13.0011

1.8375, 1.0742,
0.0000

62.9860, 55.9666,
21.0943

0.5401, 0.0000,
0.0000


83.5784, 75.4316,
31.9969


0.0000, 0.0000,
0.0000


108.2312, 98.9557,
46.1273


137.3096,


126.9231, 63.9041


 171.1791,
159.7184, 85.7458


 13.9121, 11.0085,
1.3916


 13.9121, 11.0085,
1.3916


 13.9122, 11.0089,
1.3917

 14.4796, 12.0134,
1.9820

 15.1505, 13.1385,
2.8743

 15.9541, 14.3979,
4.2144

 16.9018, 15.7984,
6.0560

 18.0035, 17.3458,
8.4454

■ 19.2681, 19.0457,
11.4231

■ 20.7036, 20.9032,
15.0262

■ 22.3175, 22.9231,
19.2883

■ 24.1169, 25.1099,
24.2409

Harmonies

Analogous

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



17.5747, 11.0085, 3.7852



13.9121, 11.0085, 1.3916



9.9641, 11.0085, 0.9659

Triad

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



13.9121, 11.0085, 1.3916



4.8286, 11.0085, 13.4986



15.0018, 11.0085, 38.2121

Complementary

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



13.9121, 11.0085, 1.3916



6.9649, 5.9972, 26.7768

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.



10.9788, 11.0085, 46.2151



13.9121, 11.0085, 1.3916



5.5873, 11.0085, 27.5071

Square

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



13.9121, 11.0085, 1.3916



5.2600, 11.0085, 5.0761



7.6374, 11.0085, 41.4461



18.3013, 11.0085, 23.3574

Rectangle

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



13.9121, 11.0085, 1.3916



7.8096, 11.0085, 1.3257



7.6374, 11.0085, 41.4461



13.6587, 11.0085, 42.0932

Sweetspot

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



13.9123, 11.0091, 1.3918



36.9044, 37.2146, 26.4647



12.4054, 6.2708, 6.2060



8.2334, 8.2396, 5.4848



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.



13.9123, 11.0091, 1.3918



24.7421, 19.3697, 2.4347



20.7417, 25.2738, 3.7852



5.6312, 5.8688, 5.7254



12.3223, 9.7763, 1.2376



0.1399, 0.1376, 0.0192

Inverse Universe

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



6.9649, 5.9972, 26.7768



12.3043, 10.4024, 47.8974



4.9878, 1.9986, 26.1092



5.3248, 5.6455, 6.8378



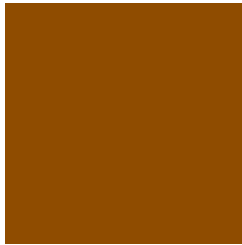
6.1790, 5.3439, 23.6829



0.0808, 0.0946, 0.2337

Previews

White Background



This preview shows how the XYZ color 13.9121, 11.0085, 1.3916 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 13.9121, 11.0085, 1.3916

Background



This preview shows how black text looks on a background with the XYZ color 13.9121, 11.0085, 1.3916.



This preview shows how white text looks on a background with the XYZ color 13.9121, 11.0085,

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

13.9121, 11.0085, 1.3916

Protanopia

10.0129, 11.0961, 1.9619

Deuteranopia

11.1801, 11.0667, 1.5468



Tritanopia

15.2348, 11.0480, 8.1670

Trichromacy



Original Color

13.9121, 11.0085, 1.3916

Protanomaly

11.0598, 10.7559, 1.7229

Deuteranomaly

12.0724, 10.9298, 1.4734

Tritanomaly

14.4176, 10.9078, 4.1418

Monochromacy



Original Color

13.9121, 11.0085, 1.3916

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.8462, 9.5881, 4.9462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9121, 11.0085, 1.3916 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, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 76, 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(143, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 76, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.9121, 11.0085, 1.3916 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, 76, 0) }
```


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

```
.border{ border-color:rgb(143, 76, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 76, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 76, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 76, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 76, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9121, 11.0085, 1.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 76, 0) }
```

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

```
.background{ background-color: rgb(143, 76,  
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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