

Converting Colors

XYZ(14.9638, 11.1332, 1.3602)

Have a look what the booklet for
XYZ(14.9638, 11.1332, 1.3602)
contains.

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Color

**XYZ(14.8950, 11.1188,
1.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	964800
RGB	150, 72, 0
RGB Percent	59%, 28%, 0%
CMY	0.4118, 0.7176, 1.0000
CMYK	0.00, 0.52, 1.00, 0.41
HSL	29°, 100%, 29%
HSV	29°, 100%, 59%
XYZ	14.8950, 11.1188, 1.3611
YIQ	87.1140, 69.6000, -5.8560

Conversions

Conversions Part 2

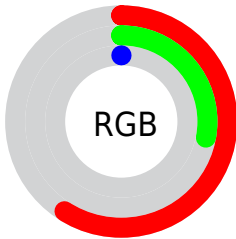
Format	Color
R_{YB}	150, 138, 0
Decimal	9848832
CIE _{Lab}	39.78, 29.14, 49.76
CIE _{LCh}	40, 57.660, 59.645
Yxy	11.1188, 0.5441, 0.4062
Android (android.graphics.Color)	4288038912 (0xFF964800)
YUV	87.1140, -42.9472, 55.1510
Hunter-Lab	33.3449, 21.3816, 20.9213

Details

The XYZ color **14.8950, 11.1188, 1.3611** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.2291, 7.6503, 29.8967**, and the grayscale version is **9.1634, 9.6406, 10.4986**.

A 20% lighter version of the original color is **34.2275, 27.8965, 7.1950**, and **4.7613, 2.9706, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **14.8951, 11.1192, 1.3612**, and if you desaturate by 10%, it is **15.5182, 12.2273, 1.9943**.

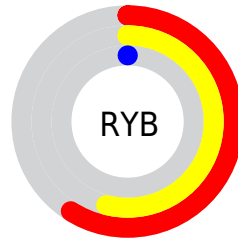
Distribution



Red (59%)

Green (28%)

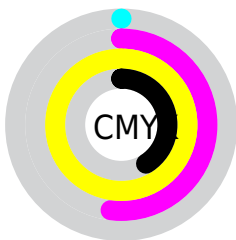
Blue (0%)



Red (59%)

Yellow (54%)

Blue (0%)

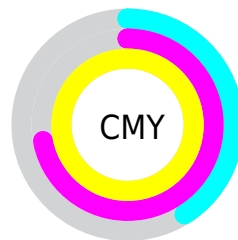


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (72%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8950, 11.1188, 1.3611 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 14.8950, 11.1188, 1.3611 by changing the saturation by 10% instead.

 14.8950, 11.1188,
1.3611


 14.8950, 11.1188,
1.3611


 216.1308,
198.4808, 111.4989


 8.8316, 6.1468,
0.1111


 34.2420, 27.8796,
7.2062


 4.6877, 2.9345,
0.0000


 48.2564, 40.4373,
12.8652


 2.0981, 1.0977,
0.0000

 65.6517, 56.2922,
20.9067

 0.6882, 0.0000,
0.0000


 86.7934, 75.8289,
31.7491


 0.0000, 0.0000,
0.0000


 112.0468, 99.4317,
45.8110


 141.7772,


127.4850, 63.5109


 176.3501,
160.3733, 85.2674


 14.8950, 11.1188,
1.3611


 14.8950, 11.1188,
1.3611


 14.8951, 11.1192,
1.3612

 15.5182, 12.2273,
1.9943

 16.2692, 13.4924,
2.9753

 17.1799, 14.9309,
4.4594

 18.2637, 16.5513,
6.5075

 19.5324, 18.3615,
9.1718

■ 20.9964, 20.3689,
12.4984

■ 22.6655, 22.5801,
16.5291

■ 24.5485, 25.0015,
21.3020

■ 26.6538, 27.6392,
26.8526

Harmonies

Analogous

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



18.6492, 11.1188, 4.2142



14.8950, 11.1188, 1.3611



10.6153, 11.1188, 0.7639

Triad

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



14.8950, 11.1188, 1.3611



4.6425, 11.1188, 11.9720



14.7926, 11.1188, 42.6060

Complementary

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



14.8950, 11.1188, 1.3611



8.2291, 7.6503, 29.8967

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.



10.5210, 11.1188, 49.5455



14.8950, 11.1188, 1.3611



5.2416, 11.1188, 26.3868

Square

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



14.8950, 11.1188, 1.3611



5.2712, 11.1188, 4.0996



7.1725, 11.1188, 42.2944



18.5805, 11.1188, 26.7818

Rectangle

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



14.8950, 11.1188, 1.3611



8.2125, 11.1188, 0.9989



7.1725, 11.1188, 42.2944



13.3359, 11.1188, 46.3739

Sweetspot

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



14.8952, 11.1194, 1.3613



39.8151, 39.6077, 28.7126



14.0255, 7.0632, 8.2137



8.5679, 8.4415, 5.7375



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.8952, 11.1194, 1.3613



26.1138, 19.2768, 2.3445



22.7028, 26.7345, 3.9638



6.0167, 6.2472, 6.1292



12.3857, 9.2859, 1.1396



0.1808, 0.1721, 0.0237

Inverse Universe

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



8.2291, 7.6503, 29.8967



14.3465, 13.1488, 52.7031



5.5593, 2.3106, 29.0067



5.7340, 6.1019, 7.3453



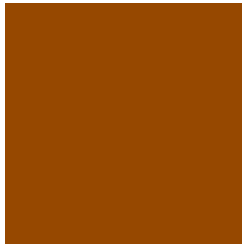
6.8573, 6.4095, 24.8068



0.1134, 0.1375, 0.3135

Previews

White Background



This preview shows how the XYZ color 14.8950, 11.1188, 1.3611 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 14.8950, 11.1188, 1.3611

Background



This preview shows how black text looks on a background with the XYZ color 14.8950, 11.1188, 1.3611.



This preview shows how white text looks on a background with the XYZ color 14.8950, 11.1188,

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

14.8950, 11.1188, 1.3611

Protanopia

10.2283, 11.3393, 2.0304

Deuteranopia

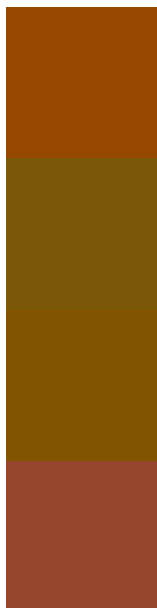
11.2639, 11.2343, 1.5748



Tritanopia

16.0934, 11.1446, 7.2642

Trichromacy



Original Color

14.8950, 11.1188, 1.3611

Protanomaly

11.6204, 11.0449, 1.7491

Deuteranomaly

12.2992, 10.9323, 1.4619

Tritanomaly

15.3643, 11.0250, 3.8009

Monochromacy



Original Color

14.8950, 11.1188, 1.3611

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.1373, 9.6254, 4.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8950, 11.1188, 1.3611 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(150, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 72, 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(150, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 72, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.8950, 11.1188, 1.3611 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(150, 72, 0) }
```


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

```
.border{ border-color:rgb(150, 72, 0) }
```

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

Here you see how a box with a 4 pixel rgb(150, 72, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 72, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8950, 11.1188, 1.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 72, 0) }
```

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

```
.background{ background-color: rgb(150, 72,  
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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