

Converting Colors

XYZ(14.4527, 11.6164, 1.7233)

Have a look what the booklet for
XYZ(14.4527, 11.6164, 1.7233)
contains.

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Color

**XYZ(14.5169, 11.6292,
1.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	914F08
RGB	145, 79, 8
RGB Percent	57%, 31%, 3%
CMY	0.4314, 0.6902, 0.9686
CMYK	0.00, 0.46, 0.94, 0.43
HSL	31°, 90%, 30%
HSV	31°, 94%, 57%
XYZ	14.5169, 11.6292, 1.7093
YIQ	90.6400, 62.1270, -8.0890

Conversions

Conversions Part 2

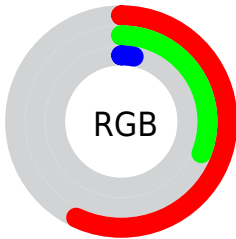
Format	Color
RYB	135, 145, 8
Decimal	9522952
CIELab	40.62, 23.21, 47.54
CIElCh	41, 52.908, 63.975
Yxy	11.6292, 0.5212, 0.4175
Android (android.graphics.Color)	4287713032 (0xFF914F08)
YUV	90.6400, -40.7415, 47.6737
Hunter-Lab	34.1016, 16.3088, 20.8993

Details

The XYZ color **14.5169, 11.6292, 1.7093** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6598, 6.9936, 27.7342**, and the grayscale version is **9.9422, 10.4599, 11.3909**.

A 20% lighter version of the original color is **33.5944, 28.8748, 8.2177**, and **4.5684, 3.1624, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **14.2031, 11.0720, 1.3885**, and if you desaturate by 10%, it is **15.1537, 12.7335, 2.4440**.

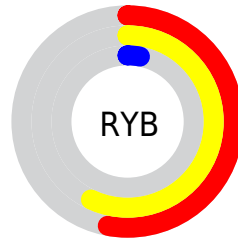
Distribution



Red (57%)

Green (31%)

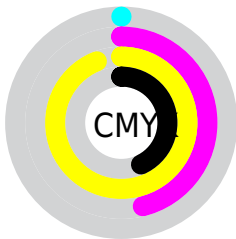
Blue (3%)



Red (53%)

Yellow (57%)

Blue (3%)

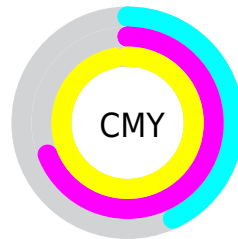


Cyan (0%)

Magenta (46%)

Yellow (94%)

Black (43%)



Cyan (43%)


Magenta (69%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5169, 11.6292, 1.7093 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 14.5169, 11.6292, 1.7093 by changing the saturation by 10% instead.


 14.5169, 11.6292,
1.7093


 14.5169, 11.6292,
1.7093


 213.8701,
201.9348, 117.6858


 8.5651, 6.4917,
0.3671


 33.5821, 28.8179,
8.2296


 4.5135, 3.1463,
0.0000

 47.4262, 41.6380,
14.3597

 1.9965, 1.2086,
0.0000

 64.6319, 57.7877,
22.9610

 0.6320, 0.0687,
0.0000


 85.5644, 77.6515,
34.4521


 0.0000, 0.0000,
0.0000


 110.5891,
101.6136, 49.2516


 140.0714,


130.0587, 67.7780


 174.3766,
163.3709, 90.4499


 14.5169, 11.6292,
1.7093


 14.5169, 11.6292,
1.7093


 14.2031, 11.0720,
1.3885

 15.1537, 12.7335,
2.4440

 15.9231, 13.9775,
3.6093

 16.8391, 15.3698,
5.2698

 17.9125, 16.9170,
7.4762

 19.1531, 18.6253,
10.2731

■ 20.5699, 20.5002,
13.7004

■ 22.1708, 22.5471,
17.7943

■ 23.9634, 24.7711,
22.5886

■ 25.9549, 27.1769,
28.1144

Harmonies

Analogous

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



18.1506, 11.6292, 4.2900



14.5169, 11.6292, 1.7093



10.5624, 11.6292, 1.2271

Triad

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



14.5169, 11.6292, 1.7093



5.3210, 11.6292, 14.1435



15.5767, 11.6292, 38.5585

Complementary

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



14.5169, 11.6292, 1.7093



7.6598, 6.9936, 27.7342

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.



11.5590, 11.6292, 46.3061



14.5169, 11.6292, 1.7093



6.0993, 11.6292, 28.0035

Square

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



14.5169, 11.6292, 1.7093



5.7702, 11.6292, 5.6068



8.1896, 11.6292, 41.6349



18.8530, 11.6292, 24.0139

Rectangle

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



14.5169, 11.6292, 1.7093



8.3820, 11.6292, 1.6287



8.1896, 11.6292, 41.6349



14.2390, 11.6292, 42.3273

Sweetspot

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



14.5172, 11.6298, 1.7095



38.4873, 38.8363, 28.7096



13.0073, 6.6909, 7.1232



8.3175, 8.3260, 5.7652



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.



14.5172, 11.6298, 1.7095



25.2605, 19.4777, 2.4282



21.4479, 26.0827, 4.1339



5.6255, 5.8574, 5.7235



12.2087, 9.5491, 1.1997



0.1388, 0.1354, 0.0188

Inverse Universe

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



7.6598, 6.9936, 27.7342



12.8856, 11.1269, 49.4421



5.3265, 2.2845, 26.9482



5.3305, 5.6568, 6.8397



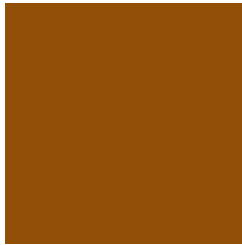
6.2802, 5.5464, 23.7166



0.0819, 0.0968, 0.2340

Previews

White Background



This preview shows how the XYZ color 14.5169, 11.6292, 1.7093 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 14.5169, 11.6292, 1.7093 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 14.5169, 11.6292, 1.7093

Background



This preview shows how black text looks on a background with the XYZ color 14.5169, 11.6292, 1.7093.



This preview shows how white text looks on a background with the XYZ color 14.5169, 11.6292,

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

14.5169, 11.6292, 1.7093

Protanopia

10.6606, 11.8323, 2.1375

Deuteranopia

11.7671, 11.6197, 1.6226



Tritanopia

16.0066, 11.6255, 8.7974

Trichromacy



Original Color

14.5169, 11.6292, 1.7093

Protanomaly

11.7486, 11.4764, 1.9438

Deuteranomaly

12.6306, 11.5688, 1.6534

Tritanomaly

15.1913, 11.4922, 4.7857

Monochromacy



Original Color

14.5169, 11.6292, 1.7093

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.8060, 10.5328, 5.8784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5169, 11.6292, 1.7093 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(145, 79, 8)` looks like.

```
.text, #text, p{  
    color:rgb(145, 79, 8)  
}
```

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(145, 79, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 79, 8) }
```

Border

The CSS property to change the border of an element to XYZ 14.5169, 11.6292, 1.7093 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(145, 79, 8) }
```


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

```
.border{ border-color:rgb(145, 79, 8) }
```

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

Here you see how a box with a 4 pixel rgb(145, 79, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 79, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 79, 8);  
box-shadow:4px 4px 4px 4px rgb(145, 79, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5169, 11.6292, 1.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 79, 8) }
```

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

```
.background{ background-color: rgb(145, 79,  
8) }
```

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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