

Converting Colors

XYZ(14.5275, 11.1804, 1.8075)

Have a look what the booklet for
XYZ(14.5275, 11.1804, 1.8075)
contains.

XYZ(14.6280, 11.2669, 1.8192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6280, 11.2669,
1.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	934B0E
RGB	147, 75, 14
RGB Percent	58%, 29%, 5%
CMY	0.4235, 0.7059, 0.9451
CMYK	0.00, 0.49, 0.90, 0.42
HSL	28°, 83%, 32%
HSV	28°, 90%, 58%
XYZ	14.6280, 11.2669, 1.8192
YIQ	89.5740, 62.4930, -3.7070

Conversions

Conversions Part 2

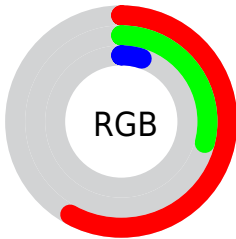
Format	Color
RYB	147, 127, 14
Decimal	9653006
CIELab	40.03, 26.46, 45.47
CIELCh	40, 52.605, 59.807
Yxy	11.2669, 0.5278, 0.4065
Android (android.graphics.Color)	4287843086 (0xFF934B0E)
YUV	89.5740, -37.2580, 50.3626
Hunter-Lab	33.5662, 19.0486, 20.2830

Details

The XYZ color **14.6280, 11.2669, 1.8192** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.7752, 8.8551, 28.8504**, and the grayscale version is **9.6941, 10.1989, 11.1066**.

A 20% lighter version of the original color is **33.7126, 28.1592, 8.5089**, and **4.6558, 3.0524, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **14.0651, 10.2680, 1.2406**, and if you desaturate by 10%, it is **15.3410, 12.4710, 2.7418**.

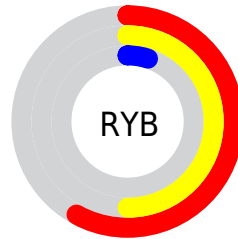
Distribution



Red (58%)

Green (29%)

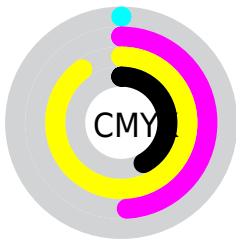
Blue (5%)



Red (58%)

Yellow (50%)

Blue (5%)

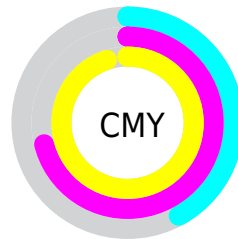


Cyan (0%)

Magenta (49%)

Yellow (90%)

Black (42%)



Cyan (42%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6280, 11.2669, 1.8192 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 14.6280, 11.2669, 1.8192 by changing the saturation by 10% instead.

■ 14.6280, 11.2669,
1.8192

■ 14.6280, 11.2669,
1.8192

214.5367,
199.4896, 119.5030

■ 8.6433, 6.2467,
0.4406

■ 33.7763, 28.1527,
8.5403

■ 4.5645, 2.9956,
0.0000

■ 47.6706, 40.7870,
14.8090

■ 2.0262, 1.1295,
0.0000

■ 64.9322, 56.7281,
23.5745

■ 0.6486, 0.0029,
0.0000

■ 85.9265, 76.3604,
35.2554


■ 0.0000, 0.0000,
0.0000


■ 111.0187,
100.0683, 50.2701


■ 140.5742,


128.2362, 69.0373


 174.9585,
161.2485, 91.9754


 14.6280, 11.2669,
1.8192


 14.6280, 11.2669,
1.8192


 14.0651, 10.2680,
1.2406

 15.3410, 12.4710,
2.7418

 16.2103, 13.8488,
4.1431

 17.2491, 15.4100,
6.0819

 18.4691, 17.1624,
8.6082

 19.8805, 19.1135,
11.7662

■ 21.4928, 21.2702,
15.5957

■ 23.3147, 23.6391,
20.1334

■ 25.3544, 26.2263,
25.4131

■ 27.6195, 29.0378,
31.4666

Harmonies

Analogous

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



18.0013, 11.2669, 4.7587



14.6280, 11.2669, 1.8192



10.7325, 11.2669, 1.1588

Triad

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



14.6280, 11.2669, 1.8192



5.1244, 11.2669, 12.2002



14.5777, 11.2669, 39.1706

Complementary

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



14.6280, 11.2669, 1.8192



8.7752, 8.8551, 28.8504

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.



10.6853, 11.2669, 45.2054



14.6280, 11.2669, 1.8192



5.7119, 11.2669, 25.1703

Square

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



14.6280, 11.2669, 1.8192



5.7275, 11.2669, 4.6967



7.5608, 11.2669, 39.0241



17.9679, 11.2669, 25.3599

Rectangle

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



14.6280, 11.2669, 1.8192



8.5083, 11.2669, 1.4225



7.5608, 11.2669, 39.0241



13.2595, 11.2669, 42.4356

Sweetspot

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



14.6282, 11.2675, 1.8194



39.4039, 39.2909, 30.1685



13.9161, 7.2077, 9.7069



8.7764, 8.6821, 6.3508



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.



14.6282, 11.2675, 1.8194



25.0157, 18.0426, 2.1641



21.5412, 25.0933, 4.1237



6.0068, 6.2275, 6.1259



12.2180, 8.9504, 1.0836



0.1785, 0.1674, 0.0229

Inverse Universe

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



8.7752, 8.8551, 28.8504



14.3345, 13.5786, 51.3000



5.7094, 2.7236, 27.8285



5.7439, 6.1218, 7.3486



7.0508, 6.7964, 24.8713



0.1158, 0.1422, 0.3142

Previews

White Background



This preview shows how the XYZ color 14.6280, 11.2669, 1.8192 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 14.6280, 11.2669, 1.8192 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 14.6280, 11.2669, 1.8192

Background



This preview shows how black text looks on a background with the XYZ color 14.6280, 11.2669, 1.8192.



This preview shows how white text looks on a background with the XYZ color 14.6280, 11.2669,

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

14.6280, 11.2669, 1.8192

Protanopia

10.2819, 11.3607, 2.3127

Deuteranopia

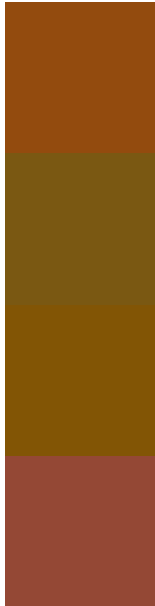
11.4019, 11.3054, 1.5812



Tritanopia

15.8546, 11.2779, 7.9978

Trichromacy



Original Color

14.6280, 11.2669, 1.8192

Protanomaly

11.6249, 11.1607, 2.1138

Deuteranomaly

12.4818, 11.2538, 1.6579

Tritanomaly

15.1727, 11.1877, 4.7279

Monochromacy



Original Color

14.6280, 11.2669, 1.8192

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.6735, 10.2243, 5.9684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6280, 11.2669, 1.8192 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(147, 75, 14)` looks like.

```
.text, #text, p{  
    color:rgb(147, 75, 14)  
}
```

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(147, 75, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 75, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.6280, 11.2669, 1.8192 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(147, 75, 14) }
```


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

```
.border{ border-color:rgb(147, 75, 14) }
```

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

Here you see how a box with a 4 pixel rgb(147, 75, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 75, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 75, 14);  
box-shadow:4px 4px 4px 4px rgb(147, 75,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6280, 11.2669, 1.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 75, 14) }
```

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

```
.background{ background-color: rgb(147, 75,  
14) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor