

Converting Colors

XYZ(14.7805, 11.0919, 2.5624)

Have a look what the booklet for
XYZ(14.7805, 11.0919, 2.5624)
contains.

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Color

**XYZ(14.8296, 11.1547,
2.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	94491E
RGB	148, 73, 30
RGB Percent	58%, 29%, 12%
CMY	0.4196, 0.7137, 0.8823
CMYK	0.00, 0.51, 0.80, 0.42
HSL	22°, 66%, 35%
HSV	22°, 80%, 58%
XYZ	14.8296, 11.1547, 2.5998
YIQ	90.5230, 58.5030, 2.5270

Conversions

Conversions Part 2

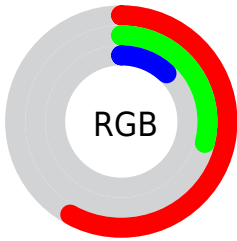
Format	Color
R_{YB}	148, 98, 30
Decimal	9718046
CIE _{Lab}	39.84, 28.49, 38.68
CIE _{LCh}	40, 48.041, 53.634
Yxy	11.1547, 0.5188, 0.3902
Android (android.graphics.Color)	4287908126 (0xFF94491E)
YUV	90.5230, -29.8378, 50.4073
Hunter-Lab	33.3987, 20.8096, 18.7638

Details

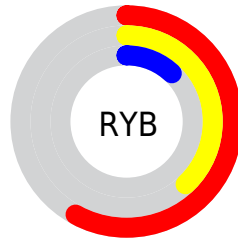
The XYZ color **14.8296, 11.1547, 2.5998** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **10.9319, 12.5166, 29.8565**, and the grayscale version is **9.8923, 10.4074, 11.3337**.

A 20% lighter version of the original color is **34.1546, 27.9671, 10.6192**, and **4.6838, 2.9629, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **14.1111, 9.9526, 1.6368**, and if you desaturate by 10%, it is **15.7309, 12.5805, 4.0618**.

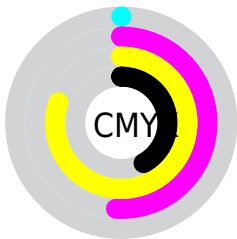
Distribution



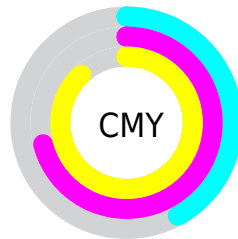
- Red (58%)
- Green (29%)
- Blue (12%)



- Red (58%)
- Yellow (38%)
- Blue (12%)



- Cyan (0%)
- Magenta (51%)
- Yellow (80%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8296, 11.1547, 2.5998 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 14.8296, 11.1547, 2.5998 by changing the saturation by 10% instead.

■ 14.8296, 11.1547,
2.5998

■ 14.8296, 11.1547,
2.5998

215.7414,
198.7258, 131.0879

■ 8.7854, 6.1710,
0.8924

■ 34.1281, 27.9459,
10.6238

■ 4.6575, 2.9493,
0.0000

■ 48.1131, 40.5221,
17.7793

■ 2.0804, 1.1053,
0.0000

■ 65.4758, 56.3980,
27.5884

■ 0.6785, 0.0000,
0.0000


■ 86.5815, 75.9579,
40.4697


■ 0.0000, 0.0000,
0.0000


■ 111.7955, 99.5863,
56.8418


■ 141.4833,


127.6675, 77.1231


 176.0101,
160.5858, 101.7323


 14.8296, 11.1547,
2.5998


 14.8296, 11.1547,
2.5998


 14.1111, 9.9526,
1.6368


 15.7309, 12.5805,
4.0618


 13.5430, 8.9530,
1.0259

 16.8291, 14.2406,
6.0817

 13.5288, 8.9283,
1.0103

 18.1377, 16.1465,
8.7104

 19.6684, 18.3088,
11.9930

 21.4322, 20.7370,
15.9702

■ 23.4391, 23.4403,
20.6794

■ 25.6987, 26.4274,
26.1553

■ 28.2197, 29.7065,
32.4304

■ 31.0107, 33.2857,
39.5353

Harmonies

Analogous

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



17.5465, 11.1547, 6.2176



14.8296, 11.1547, 2.5998



11.3219, 11.1547, 1.5557

Triad

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



14.8296, 11.1547, 2.5998



5.4617, 11.1547, 10.2390



13.3563, 11.1547, 37.5769

Complementary

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



14.8296, 11.1547, 2.5998



10.9319, 12.5166, 29.8565

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.



9.9137, 11.1547, 40.6572



14.8296, 11.1547, 2.5998



5.7849, 11.1547, 20.9896

Square

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



14.8296, 11.1547, 2.5998



6.2678, 11.1547, 4.2400



7.2658, 11.1547, 33.4567



16.5799, 11.1547, 26.4306

Rectangle

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



14.8296, 11.1547, 2.5998



9.1751, 11.1547, 1.6596



7.2658, 11.1547, 33.4567



12.1701, 11.1547, 39.7682

Sweetspot

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



14.8299, 11.1553, 2.6000



39.6207, 39.0320, 32.3755



15.3150, 8.2797, 14.6183



8.7859, 8.5608, 6.7869



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.



14.8299, 11.1553, 2.6000



24.0771, 16.0984, 2.0580



20.4696, 22.4347, 4.4799



5.9635, 6.1409, 6.1115



11.5801, 7.6746, 0.8710



0.1680, 0.1465, 0.0194

Inverse Universe

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



10.9319, 12.5166, 29.8565



16.7775, 18.3224, 52.0869



6.9255, 4.5037, 28.5210



5.7882, 6.2103, 7.3634



8.0159, 8.7267, 25.1930



0.1262, 0.1631, 0.3177

Previews

White Background



This preview shows how the XYZ color 14.8296, 11.1547, 2.5998 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 14.8296, 11.1547, 2.5998 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 14.8296, 11.1547, 2.5998

Background



This preview shows how black text looks on a background with the XYZ color 14.8296, 11.1547, 2.5998.



This preview shows how white text looks on a background with the XYZ color 14.8296, 11.1547,

2.5998.

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

14.8296, 11.1547, 2.5998

Protanopia

10.3545, 11.3760, 3.3191

Deuteranopia

11.4288, 11.3002, 2.4430



Tritanopia

15.9084, 11.2213, 7.6308

Trichromacy



Original Color

14.8296, 11.1547, 2.5998

Protanomaly

11.5821, 10.9968, 3.0255

Deuteranomaly

12.5627, 11.1611, 2.4695

Tritanomaly

15.3231, 11.0653, 5.1991

Monochromacy



Original Color

14.8296, 11.1547, 2.5998

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.9266, 10.2151, 7.0260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8296, 11.1547, 2.5998 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(148, 73, 30)` looks like.

```
.text, #text, p{  
    color:rgb(148, 73, 30)  
}
```

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(148, 73, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 73, 30) }
```

Border

The CSS property to change the border of an element to XYZ 14.8296, 11.1547, 2.5998 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(148, 73, 30) }
```


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

```
.border{ border-color:rgb(148, 73, 30) }
```

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

Here you see how a box with a 4 pixel rgb(148, 73, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 73, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 73, 30);  
box-shadow:4px 4px 4px 4px rgb(148, 73,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8296, 11.1547, 2.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 73, 30) }
```

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

```
.background{ background-color: rgb(148, 73,  
30) }
```

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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