

Converting Colors

XYZ(14.1885, 8.5942, 6.3309)

Have a look what the booklet for
XYZ(14.1885, 8.5942, 6.3309)
contains.

XYZ(14.1945, 8.5900, 6.3787)	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(14.1945, 8.5900,
6.3787)**

Conversions

Conversions Part 1

Format	Color
Hex	942D44
RGB	148, 45, 68
RGB Percent	58%, 18%, 27%
CMY	0.4196, 0.8235, 0.7333
CMYK	0.00, 0.70, 0.54, 0.42
HSL	347°, 53%, 38%
HSV	347°, 70%, 58%
XYZ	14.1945, 8.5900, 6.3787
YIQ	78.4190, 54.0050, 28.9890

Conversions

Conversions Part 2

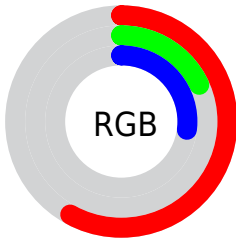
Format	Color
RYB	148, 45, 68
Decimal	9710916
CIELab	35.18, 44.66, 10.57
CIElCh	35, 45.895, 13.315
Yxy	8.5900, 0.4867, 0.2945
Android (android.graphics.Color)	4287900996 (0xFF942D44)
YUV	78.4190, -5.1366, 61.0225
Hunter-Lab	29.3087, 35.1591, 7.6123

Details

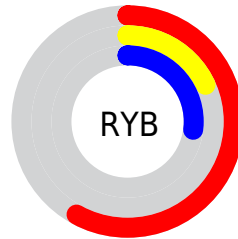
The XYZ color **14.1945, 8.5900, 6.3787** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.3744, 23.2186, 23.0753**, and the grayscale version is **7.3236, 7.7050, 8.3907**.

A 20% lighter version of the original color is **32.9737, 23.1181, 19.2473**, and **4.6001, 2.3499, 1.1884** is the 20% darker color. If you saturate the color by 10%, you get **13.4084, 7.5254, 4.5522**, and if you desaturate by 10%, it is **15.2478, 10.0791, 8.6339**.

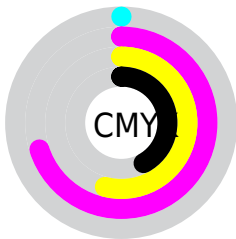
Distribution



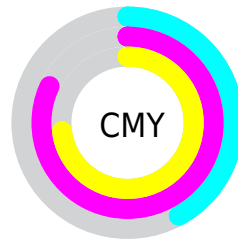
- Red (58%)
- Green (18%)
- Blue (27%)



- Red (58%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (54%)
- Black (42%)





- Cyan (42%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1945, 8.5900, 6.3787 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 14.1945, 8.5900, 6.3787 by changing the saturation by 10% instead.


 14.1945, 8.5900,
6.3787

 14.1945, 8.5900,
6.3787


211.9240,
180.2892, 171.8266


 8.3387, 4.4747,
3.0042


 33.0171, 23.1072,
19.2031


 4.3660, 1.9425,
1.0968

 46.7146, 34.2780,
29.4900


 1.9112, 0.5737,
0.0000

 63.7568, 48.5693,
42.9182

 0.5833, 0.0000,
0.0000

 84.5089, 66.3657,
59.9062

 0.0000, 0.0000,
0.0000

 109.3363, 88.0515,
80.8725

 138.6044,

114.0110, 106.2356

172.6785,
144.6288, 136.4141

■ 14.1945, 8.5900,
6.3787

■ 14.1945, 8.5900,
6.3787

■ 13.4084, 7.5254,
4.5522

■ 15.2478, 10.0791,
8.6339

■ 12.8631, 6.8386,
3.1255

■ 16.5901, 12.0300,
11.3433

■ 12.5010, 6.4217,
2.0574

■ 18.2415, 14.4774,
14.5305

■ 12.4878, 6.4059,
2.0202

■ 20.2201, 17.4526,
18.2176

■ 22.5426, 20.9839,
22.4251

■ 25.2246, 25.0979,
27.1724

■ 28.2806, 29.8194,
32.4779

■ 31.7243, 35.1716,
38.3591

■ 35.5690, 41.1767,
44.8327

Harmonies

Analogous

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



14.0827, 8.5900, 14.1995



14.1945, 8.5900, 6.3787



12.4614, 8.5900, 2.4891

Triad

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



14.1945, 8.5900, 6.3787



5.1441, 8.5900, 2.2464



6.7872, 8.5900, 31.4518

Complementary

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



14.1945, 8.5900, 6.3787



15.3744, 23.2186, 23.0753

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.



4.9900, 8.5900, 23.3603



14.1945, 8.5900, 6.3787



4.1917, 8.5900, 5.7578

Square

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



14.1945, 8.5900, 6.3787



7.0464, 8.5900, 1.1269



4.1421, 8.5900, 13.1325



9.3952, 8.5900, 31.9530

Rectangle

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



14.1945, 8.5900, 6.3787



10.6732, 8.5900, 1.4348



4.1421, 8.5900, 13.1325



6.0834, 8.5900, 29.3889

Sweetspot

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



14.1947, 8.5905, 6.3788



38.9794, 35.8102, 38.1401



14.5915, 8.2981, 28.8495



8.6585, 7.8096, 8.2745



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.



14.1947, 8.5905, 6.3788



23.0256, 12.4669, 6.4193



15.0344, 11.1813, 3.8491



5.8507, 5.8353, 6.3198



10.6756, 5.4753, 1.7728



0.1402, 0.0708, 0.0717

Inverse Universe

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



14.1947, 8.5905, 6.3788



23.0256, 12.4669, 6.4193



13.2087, 16.2581, 30.4588



5.8507, 5.8353, 6.3198



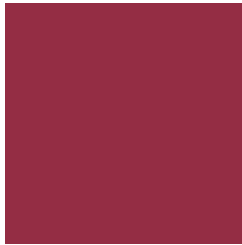
10.6756, 5.4753, 1.7728



0.1402, 0.0708, 0.0717

Previews

White Background



This preview shows how the XYZ color 14.1945, 8.5900, 6.3787 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 ✓ Pass

Black Background



This preview shows how the XYZ color 14.1945, 8.5900, 6.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.1945, 8.5900, 6.3787

Background



This preview shows how black text looks on a background with the XYZ color 14.1945, 8.5900, 6.3787.



This preview shows how white text looks on a background with the XYZ color 14.1945, 8.5900,

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

14.1945, 8.5900, 6.3787

Protanopia

8.4697, 8.7595, 10.2612

Deuteranopia

8.9115, 8.7489, 5.9216



Tritanopia

13.6871, 8.5560, 4.0620

Trichromacy



Original Color

14.1945, 8.5900, 6.3787

Protanomaly

9.6395, 7.9612, 8.6180

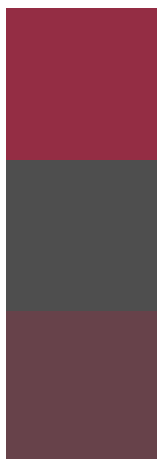
Deuteranomaly

10.2974, 8.1779, 6.0368

Tritanomaly

13.7877, 8.5315, 4.7909

Monochromacy



Original Color

14.1945, 8.5900, 6.3787

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.7778, 7.2744, 7.4200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1945, 8.5900, 6.3787 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, 45, 68)` looks like.

```
.text, #text, p{  
    color:rgb(148, 45, 68)  
}
```

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, 45, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 45, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.1945, 8.5900, 6.3787 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, 45, 68) }
```


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

```
.border{ border-color:rgb(148, 45, 68) }
```

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

Here you see how a box with a 4 pixel rgb(148, 45, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 45, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 45, 68);  
box-shadow:4px 4px 4px 4px rgb(148, 45,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1945, 8.5900, 6.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 45, 68) }
```

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

```
.background{ background-color: rgb(148, 45,  
68) }
```

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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