

Converting Colors

XYZ(14.4535, 8.6834, 0.9143)

Have a look what the booklet for
XYZ(14.4535, 8.6834, 0.9143)
contains.

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Color

**XYZ(14.5383, 8.7238,
0.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2A00
RGB	156, 42, 0
RGB Percent	61%, 16%, 0%
CMY	0.3882, 0.8353, 1.0000
CMYK	0.00, 0.73, 1.00, 0.39
HSL	16°, 100%, 31%
HSV	16°, 100%, 61%
XYZ	14.5383, 8.7238, 0.9176
YIQ	71.2980, 81.4260, 11.1060

Conversions

Conversions Part 2

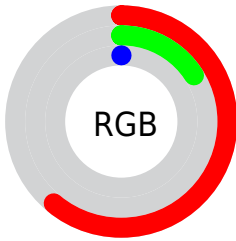
Format	Color
R _Y B	156, 57, 0
Decimal	10234368
CIE Lab	35.45, 45.65, 47.99
CIE LCh	35, 66.232, 46.434
Yxy	8.7238, 0.6013, 0.3608
Android (android.graphics.Color)	4288424448 (0xFF9C2A00)
YUV	71.2980, -35.1499, 74.2837
Hunter-Lab	29.5361, 36.1734, 18.8333

Details

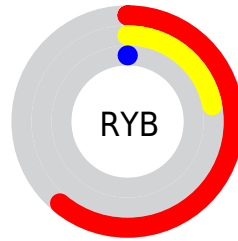
The XYZ color **14.5383, 8.7238, 0.9176** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.0174, 14.4336, 33.6050**, and the grayscale version is **6.0883, 6.4054, 6.9755**.

A 20% lighter version of the original color is **33.5814, 23.3201, 5.7489**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.5385, 8.7243, 0.9177**, and if you desaturate by 10%, it is **15.0925, 9.6875, 1.5491**.

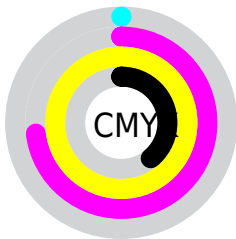
Distribution



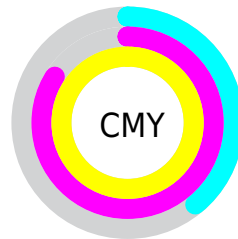
- Red (61%)
- Green (16%)
- Blue (0%)



- Red (61%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (100%)
- Black (39%)





- Cyan (39%)
- Magenta (84%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5383, 8.7238, 0.9176 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 14.5383, 8.7238, 0.9176 by changing the saturation by 10% instead.


 14.5383, 8.7238,
0.9176


 14.5383, 8.7238,
0.9176


 213.9986,
181.3039, 102.2971


 8.5802, 4.5615,
0.0000


 33.6195, 23.3656,
5.7865

 4.5233, 1.9923,
0.0000

 47.4733, 34.6139,
10.7493


 2.0022, 0.6030,
0.0000

 64.6898, 48.9930,
17.9561

 0.6352, 0.0000,
0.0000

 85.6342, 66.8873,
27.8252


 0.0000, 0.0000,
0.0000


 110.6719, 88.6811,
40.7754


 140.1683,

114.7589, 57.2251


 174.4888,
145.5050, 77.5928


 14.5383, 8.7238,
0.9176


 14.5383, 8.7238,
0.9176


 14.5385, 8.7243,
0.9177

 15.0925, 9.6875,
1.5491

 15.8394, 10.9262,
2.5844

 16.8179, 12.4687,
4.1886

 18.0482, 14.3348,
6.4310

 19.5476, 16.5424,
9.3706

■ 21.3323, 19.1080,
13.0599

■ 23.4167, 22.0470,
17.5461

■ 25.8144, 25.3739,
22.8725

■ 28.5381, 29.1023,
29.0794

Harmonies

Analogous

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



17.6540, 8.7238, 4.6611



14.5383, 8.7238, 0.9176



10.1593, 8.7238, 0.0000

Triad

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



14.5383, 8.7238, 0.9176



2.9634, 8.7238, 5.3310



10.5763, 8.7238, 48.0121

Complementary

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



14.5383, 8.7238, 0.9176



12.0174, 14.4336, 33.6050

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.



6.6683, 8.7238, 48.8287



14.5383, 8.7238, 0.9176



3.0122, 8.7238, 16.8798

Square

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



14.5383, 8.7238, 0.9176



3.9894, 8.7238, 1.0863



4.1531, 8.7238, 34.7618



14.9241, 8.7238, 33.0035

Rectangle

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



14.5383, 8.7238, 0.9176



7.4867, 8.7238, 0.0000



4.1531, 8.7238, 34.7618



9.1525, 8.7238, 50.2104

Sweetspot

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



14.5385, 8.7243, 0.9177



42.2909, 39.7070, 31.3425



16.7704, 8.2920, 16.7559



8.9692, 8.2646, 6.1662



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.5385, 8.7243, 0.9177



26.2648, 15.5632, 1.6197



20.3787, 20.4049, 2.8645



6.7712, 6.9223, 6.9649



12.0007, 7.2371, 0.7644



0.2466, 0.1935, 0.0244

Inverse Universe

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



12.0174, 14.4336, 33.6050



21.6574, 25.8763, 60.9799



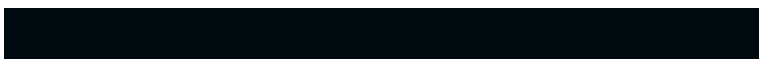
6.6438, 3.6864, 31.8138



6.6707, 7.2071, 8.4462



9.9282, 11.9480, 27.6902



0.2101, 0.2789, 0.5060

Previews

White Background



This preview shows how the XYZ color 14.5383, 8.7238, 0.9176 looks on a white background.

Color Contrast Check

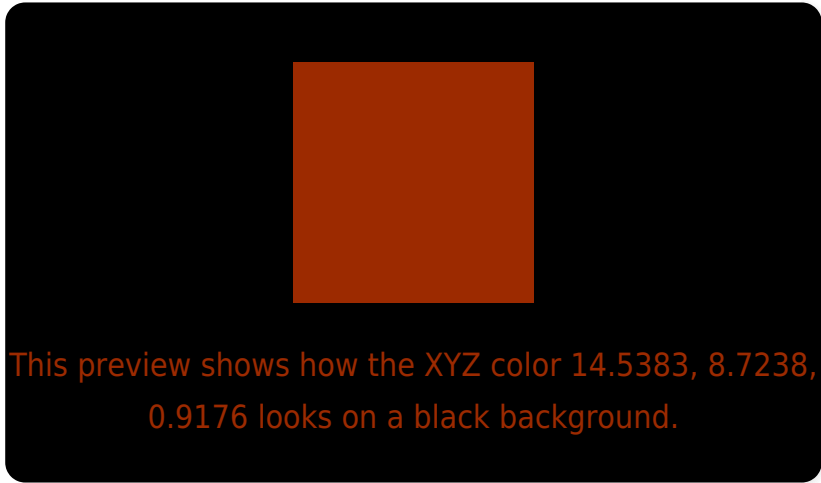
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

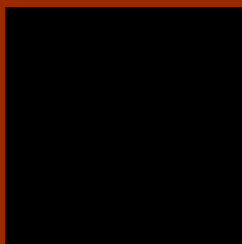
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5383, 8.7238, 0.9176

Background



This preview shows how black text looks on a background with the XYZ color 14.5383, 8.7238, 0.9176.



This preview shows how white text looks on a background with the XYZ color 14.5383, 8.7238,

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

14.5383, 8.7238, 0.9176

Protanopia

8.0770, 8.9736, 1.8786

Deuteranopia

8.9321, 8.8631, 1.2400



Tritanopia

15.0131, 8.7723, 2.9094

Trichromacy



Original Color

14.5383, 8.7238, 0.9176

Protanomaly

9.5246, 8.0623, 1.3708

Deuteranomaly

10.4057, 8.2564, 1.0452

Tritanomaly

14.8389, 8.7559, 1.8277

Monochromacy



Original Color

14.5383, 8.7238, 0.9176

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

7.5690, 6.2460, 3.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5383, 8.7238, 0.9176 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(156, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 42, 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(156, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 42, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5383, 8.7238, 0.9176 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(156, 42, 0) }
```


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

```
.border{ border-color:rgb(156, 42, 0) }
```

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

Here you see how a box with a 4 pixel rgb(156, 42, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 42, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5383, 8.7238, 0.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 42, 0) }
```

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

```
.background{ background-color: rgb(156, 42,  
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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