

Converting Colors

XYZ(14.6009, 8.8622, 0.0000)

Have a look what the booklet for
XYZ(14.6009, 8.8622, 0.0000)
contains.

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Color

**XYZ(14.8053, 8.9695,
0.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2C00
RGB	157, 44, 0
RGB Percent	62%, 17%, 0%
CMY	0.3843, 0.8274, 1.0000
CMYK	0.00, 0.72, 1.00, 0.38
HSL	17°, 100%, 31%
HSV	17°, 100%, 62%
XYZ	14.8053, 8.9695, 0.9510
YIQ	72.7710, 81.4720, 10.2720

Conversions

Conversions Part 2

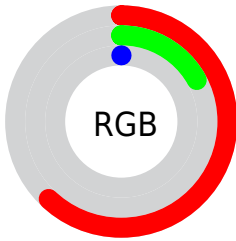
Format	Color
RYB	157, 61, 0
Decimal	10300416
CIELab	35.93, 45.21, 48.34
CIElCh	36, 66.186, 46.915
Yxy	8.9695, 0.5988, 0.3628
Android (android.graphics.Color)	4288490496 (0xFF9D2C00)
YUV	72.7710, -35.8761, 73.8688
Hunter-Lab	29.9491, 35.8302, 19.0817

Details

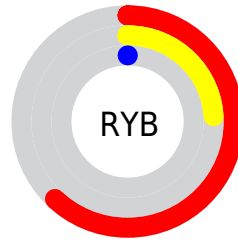
The XYZ color **14.8053, 8.9695, 0.9510** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.9901, 14.2430, 34.0152**, and the grayscale version is **6.3442, 6.6746, 7.2686**.

A 20% lighter version of the original color is **34.0857, 23.8485, 5.9387**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.8054, 8.9699, 0.9510**, and if you desaturate by 10%, it is **15.3767, 9.9663, 1.5919**.

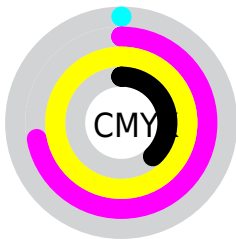
Distribution



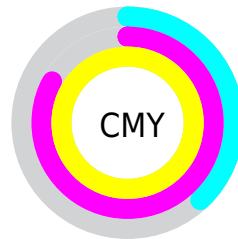
- Red (62%)
- Green (17%)
- Blue (0%)



- Red (62%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (100%)
- Black (38%)





- Cyan (38%)
- Magenta (83%)
- Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8053, 8.9695, 0.9510 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 14.8053, 8.9695, 0.9510 by changing the saturation by 10% instead.


 14.8053, 8.9695,
0.9510


 14.8053, 8.9695,
0.9510


 215.5965,
183.1502, 103.0474


 8.7683, 4.7213,
0.0000


 34.0857, 23.8383,
5.8975

 4.6462, 2.0847,
0.0000

 48.0598, 35.2276,
10.9169


 2.0738, 0.6560,
0.0000

 65.4104, 49.7662,
18.1917

 0.6749, 0.0000,
0.0000

 86.5026, 67.8383,
28.1406


 0.0000, 0.0000,
0.0000

 111.7020, 89.8283,
41.1821


 141.3739,

116.1207, 57.7347


 175.8836,
147.0999, 78.2170


 14.8053, 8.9695,
0.9510


 14.8053, 8.9695,
0.9510


 14.8054, 8.9699,
0.9510

 15.3767, 9.9663,
1.5919

 16.1410, 11.2368,
2.6425

 17.1374, 12.8096,
4.2694

 18.3857, 14.7037,
6.5428

 19.9035, 16.9368,
9.5226

■ 21.7065, 19.5250,
13.2620

■ 23.8094, 22.4833,
17.8088

■ 26.2256, 25.8258,
23.2070

■ 28.9677, 29.5661,
29.4974

Harmonies

Analogous

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



18.0014, 8.9695, 4.7226



14.8053, 8.9695, 0.9510



10.3547, 8.9695, 0.0000

Triad

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



14.8053, 8.9695, 0.9510



3.0767, 8.9695, 5.6374



10.9205, 8.9695, 48.6025

Complementary

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



14.8053, 8.9695, 0.9510



11.9901, 14.2430, 34.0152

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.



6.9250, 8.9695, 49.7027



14.8053, 8.9695, 0.9510



3.1435, 8.9695, 17.5210

Square

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



14.8053, 8.9695, 0.9510



4.1087, 8.9695, 1.1846



4.3323, 8.9695, 35.6639



15.3277, 8.9695, 33.2914

Rectangle

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



14.8053, 8.9695, 0.9510



7.6467, 8.9695, 0.0000



4.3323, 8.9695, 35.6639



9.4686, 8.9695, 50.9102

Sweetspot

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



14.8055, 8.9700, 0.9511



42.4075, 39.9403, 31.3814



17.0067, 8.4090, 16.9867



8.9968, 8.3199, 6.1754



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.



14.8055, 8.9700, 0.9511



26.3739, 15.7816, 1.6561



20.6651, 20.6893, 2.9044



6.7769, 6.9338, 6.9668



12.0528, 7.3412, 0.7817



0.2485, 0.1972, 0.0250

Inverse Universe

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



11.9901, 14.2430, 34.0152



21.3047, 25.1708, 60.8623



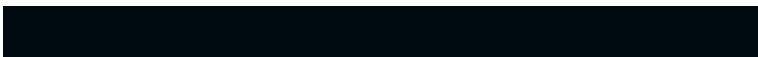
6.7360, 3.7349, 32.2638



6.6646, 7.1949, 8.4442



9.7705, 11.6326, 27.6376



0.2082, 0.2750, 0.5053

Previews

White Background



This preview shows how the XYZ color 14.8053, 8.9695, 0.9510 looks on a white background.

Color Contrast Check

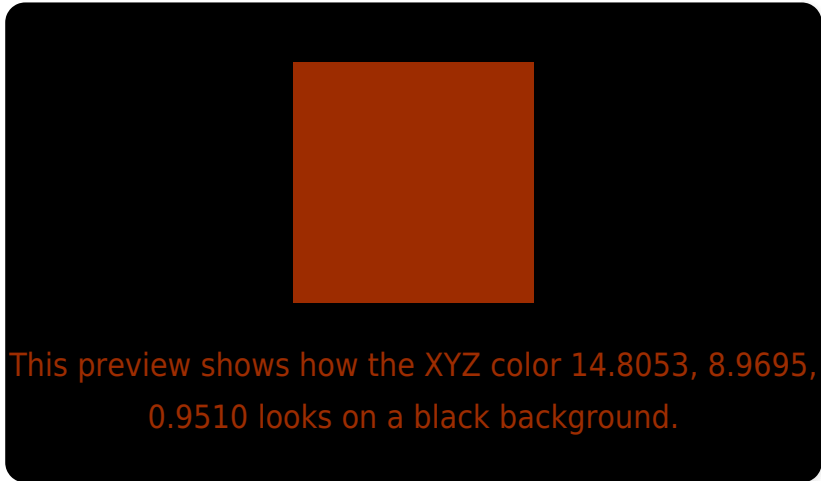
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8053, 8.9695, 0.9510

Background



This preview shows how black text looks on a background with the XYZ color 14.8053, 8.9695, 0.9510.



This preview shows how white text looks on a background with the XYZ color 14.8053, 8.9695,

0.9510.

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

14.8053, 8.9695, 0.9510

Protanopia

8.3587, 9.2374, 1.8728

Deuteranopia

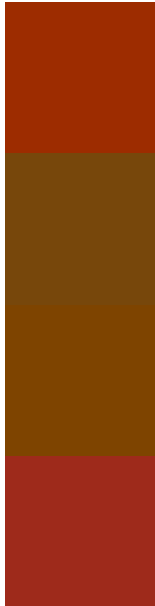
9.2016, 9.2227, 1.2952



Tritanopia

15.3295, 9.0294, 3.2204

Trichromacy



Original Color

14.8053, 8.9695, 0.9510

Protanomaly

9.9214, 8.4526, 1.4252

Deuteranomaly

10.6713, 8.5699, 1.0917

Tritanomaly

15.1263, 9.0042, 1.9776

Monochromacy



Original Color

14.8053, 8.9695, 0.9510

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.9247, 6.5856, 3.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8053, 8.9695, 0.9510 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(157, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 44, 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(157, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 44, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.8053, 8.9695, 0.9510 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(157, 44, 0) }
```


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

```
.border{ border-color:rgb(157, 44, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 44, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 44, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8053, 8.9695, 0.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 44, 0) }
```

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

```
.background{ background-color: rgb(157, 44,  
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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