

Converting Colors

XYZ(14.5152, 8.9629, 0.9653)

Have a look what the booklet for
XYZ(14.5152, 8.9629, 0.9653)
contains.

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Color

**XYZ(14.5341, 9.0016,
0.9715)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2F00
RGB	155, 47, 0
RGB Percent	61%, 18%, 0%
CMY	0.3922, 0.8157, 1.0000
CMYK	0.00, 0.70, 1.00, 0.39
HSL	18°, 100%, 30%
HSV	18°, 100%, 61%
XYZ	14.5341, 9.0016, 0.9715
YIQ	73.9340, 79.4550, 8.2790

Conversions

Conversions Part 2

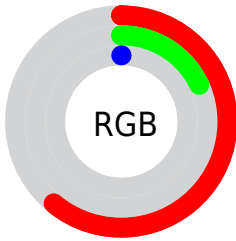
Format	Color
RYB	155, 67, 0
Decimal	10170112
CIELab	35.99, 43.29, 48.15
CIELCh	36, 64.751, 48.043
Yxy	9.0016, 0.5931, 0.3673
Android (android.graphics.Color)	4288360192 (0xFF9B2F00)
YUV	73.9340, -36.4495, 71.0949
Hunter-Lab	30.0027, 33.9655, 19.0820

Details

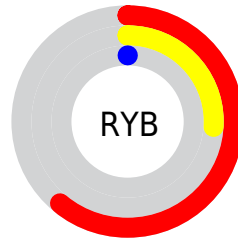
The XYZ color **14.5341, 9.0016, 0.9715** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.2785, 13.0907, 32.9424**, and the grayscale version is **6.5506, 6.8917, 7.5051**.

A 20% lighter version of the original color is **33.6747, 23.9144, 5.9731**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **14.5342, 9.0019, 0.9715**, and if you desaturate by 10%, it is **15.1107, 10.0111, 1.6069**.

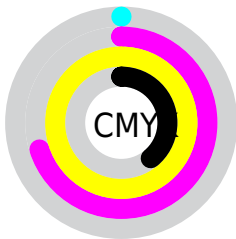
Distribution



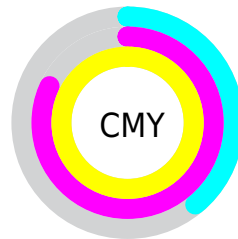
- Red (61%)
- Green (18%)
- Blue (0%)



- Red (61%)
- Yellow (26%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (39%)





- Cyan (39%)
- Magenta (82%)
- Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5341, 9.0016, 0.9715 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 14.5341, 9.0016, 0.9715 by changing the saturation by 10% instead.


 14.5341, 9.0016,
0.9715


 14.5341, 9.0016,
0.9715


 213.9734,
183.3898, 103.5094


 8.5772, 4.7422,
0.0000


 33.6122, 23.8998,
5.9663


 4.5214, 2.0968,
0.0000

 47.4641, 35.3075,
11.0205


 2.0011, 0.6628,
0.0000

 64.6784, 49.8667,
18.3373

 0.6346, 0.0000,
0.0000


 85.6205, 67.9619,
28.3353


 0.0000, 0.0000,
0.0000


 110.6557, 89.9774,
41.4329


 140.1493,


116.2976, 58.0488


 174.4668,
147.3069, 78.6015


 14.5341, 9.0016,
0.9715


 14.5341, 9.0016,
0.9715


 14.5342, 9.0019,
0.9715

 15.1107, 10.0111,
1.6069

 15.8688, 11.2754,
2.6365

 16.8459, 12.8204,
4.2238

 18.0605, 14.6633,
6.4363

 19.5290, 16.8197,
9.3319

■ 21.2659, 19.3040,
12.9618

■ 23.2849, 22.1297,
17.3723

■ 25.5985, 25.3094,
22.6057

■ 28.2184, 28.8552,
28.7015

Harmonies

Analogous

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



17.7228, 9.0016, 4.5845



14.5341, 9.0016, 0.9715



10.1862, 9.0016, 0.0000

Triad

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



14.5341, 9.0016, 0.9715



3.1578, 9.0016, 6.0262



11.0646, 9.0016, 47.0465

Complementary

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



14.5341, 9.0016, 0.9715



11.2785, 13.0907, 32.9424

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.



7.1093, 9.0016, 48.7269



14.5341, 9.0016, 0.9715



3.2638, 9.0016, 17.9619

Square

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



14.5341, 9.0016, 0.9715



4.1406, 9.0016, 1.3546



4.4933, 9.0016, 35.6021



15.3413, 9.0016, 31.9657

Rectangle

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



14.5341, 9.0016, 0.9715



7.5594, 9.0016, 0.0000



4.4933, 9.0016, 35.6021



9.6360, 9.0016, 49.4645

Sweetspot

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



14.5343, 9.0021, 0.9716



41.4745, 39.3177, 30.6083



16.2510, 8.0620, 15.0270



9.0549, 8.4360, 6.1947



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.



14.5343, 9.0021, 0.9716



25.8822, 15.8273, 1.6908



20.7252, 21.3839, 3.0353



6.3540, 6.5130, 6.5281



11.7044, 7.2911, 0.7904



0.2043, 0.1676, 0.0216

Inverse Universe

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



11.2785, 13.0907, 32.9424



20.0262, 23.0993, 58.9394



6.4064, 3.3467, 31.3184



6.2264, 6.7102, 7.8960



9.0934, 10.5835, 26.4712



0.1675, 0.2213, 0.4063

Previews

White Background



This preview shows how the XYZ color 14.5341, 9.0016, 0.9715 looks on a white background.

Color Contrast Check

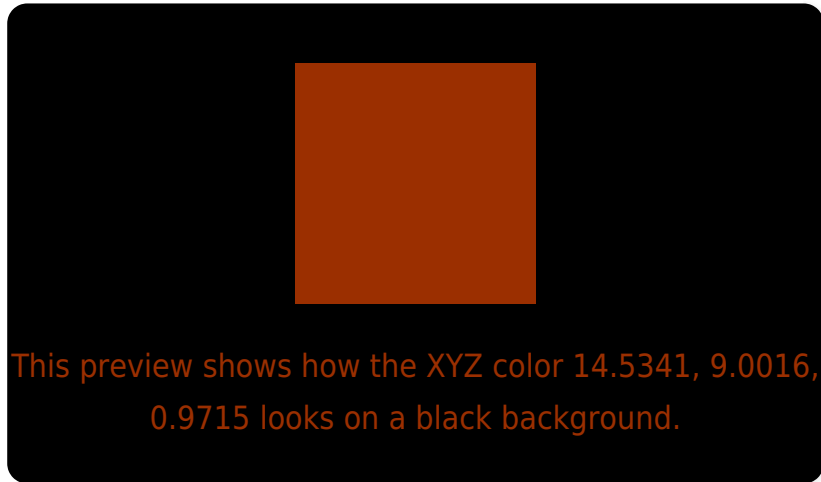
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5341, 9.0016, 0.9715

Background



This preview shows how black text looks on a background with the XYZ color 14.5341, 9.0016, 0.9715.



This preview shows how white text looks on a background with the XYZ color 14.5341, 9.0016,

0.9715.

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

14.5341, 9.0016, 0.9715

Protanopia

8.3587, 9.2374, 1.8728

Deuteranopia

9.2016, 9.2227, 1.2952



Tritanopia

15.1041, 9.0665, 3.5387

Trichromacy



Original Color

14.5341, 9.0016, 0.9715

Protanomaly

9.8490, 8.5104, 1.4402

Deuteranomaly

10.5856, 8.6162, 1.1052

Tritanomaly

14.8705, 9.0334, 2.1223

Monochromacy



Original Color

14.5341, 9.0016, 0.9715

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

7.9400, 6.7556, 3.5748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5341, 9.0016, 0.9715 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(155, 47, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 47, 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(155, 47, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 47, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.5341, 9.0016, 0.9715 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(155, 47, 0) }
```


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

```
.border{ border-color:rgb(155, 47, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 47, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 47, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 47, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 47, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5341, 9.0016, 0.9715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 47, 0) }
```

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

```
.background{ background-color: rgb(155, 47,  
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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