

Converting Colors

XYZ(15.5043, 13.9347, 1.8725)

Have a look what the booklet for
XYZ(15.5043, 13.9347, 1.8725)
contains.

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Color

**XYZ(15.5043, 13.9347,
1.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	905E00
RGB	144, 94, 0
RGB Percent	56%, 37%, 0%
CMY	0.4353, 0.6314, 1.0000
CMYK	0.00, 0.35, 1.00, 0.44
HSL	39°, 100%, 28%
HSV	39°, 100%, 56%
XYZ	15.5043, 13.9347, 1.8725
YIQ	98.2340, 59.9740, -18.6340

Conversions

Conversions Part 2

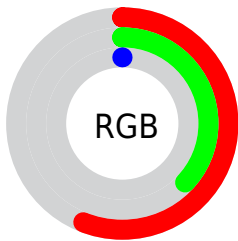
Format	Color
R_YB	77, 144, 0
Decimal	9461248
CIE Lab	44.14, 13.98, 52.06
CIE LCh	44, 53.907, 74.974
Yxy	13.9347, 0.4952, 0.4450
Android (android.graphics.Color)	4287651328 (0xFF905E00)
YUV	98.2340, -48.4294, 40.1368
Hunter-Lab	37.3292, 8.8120, 23.1564

Details

The XYZ color **15.5043, 13.9347, 1.8725** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.1747, 4.2948, 26.8889**, and the grayscale version is **11.7748, 12.3880, 13.4906**.

A 20% lighter version of the original color is **35.1198, 32.8188, 8.6213**, and **5.0815, 4.1886, 0.5407** is the 20% darker color. If you saturate the color by 10%, you get **15.5044, 13.9351, 1.8726**, and if you desaturate by 10%, it is **16.0458, 14.8865, 2.4577**.

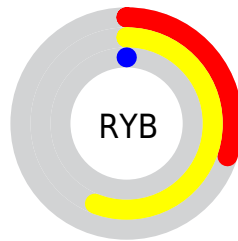
Distribution



Red (56%)

Green (37%)

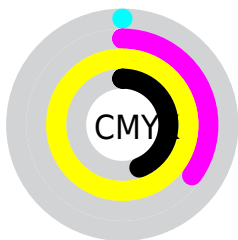
Blue (0%)



Red (30%)

Yellow (56%)

Blue (0%)

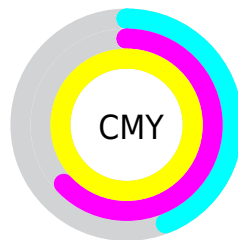


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5043, 13.9347, 1.8725 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 15.5043, 13.9347, 1.8725 by changing the saturation by 10% instead.

■ 15.5043, 13.9347,
1.8725

■ 15.5043, 13.9347,
1.8725

■ 219.7270,
216.8242, 120.3645

■ 9.2627, 8.0753,
0.4752

■ 35.2999, 32.9731,
8.6892

■ 4.9714, 4.1431,
0.0000

■ 49.5846, 46.9209,
15.0237

■ 2.2651, 1.7540,
0.0000

■ 67.2811, 64.3336,
23.8670

■ 0.7767, 0.4582,
0.0000


■ 88.7547, 85.5955,
35.6376


■ 0.0000, 0.0000,
0.0000


■ 114.3707,
111.0912, 50.7541


■ 144.4945,


141.2049, 69.6351


 179.4915,
176.3211, 92.6990


 15.5043, 13.9347,
1.8725


 15.5043, 13.9347,
1.8725


 15.5044, 13.9351,
1.8726

 16.0458, 14.8865,
2.4577

 16.6715, 15.9183,
3.3436

 17.4103, 17.0431,
4.6773

 18.2728, 18.2660,
6.5130

 19.2685, 19.5915,
8.8976

■ 20.4055, 21.0236,
11.8722

■ 21.6914, 22.5660,
15.4741

■ 23.1331, 24.2224,
19.7375

■ 24.7371, 25.9960,
24.6940

Harmonies

Analogous

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



19.9921, 13.9347, 3.8399



15.5043, 13.9347, 1.8725



11.2222, 13.9347, 1.8711

Triad

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



15.5043, 13.9347, 1.8725



6.7584, 13.9347, 22.1452



19.9852, 13.9347, 38.8254

Complementary

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



15.5043, 13.9347, 1.8725



6.1747, 4.2948, 26.8889

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.



15.4963, 13.9347, 51.4375



15.5043, 13.9347, 1.8725



8.2169, 13.9347, 38.7972

Square

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



15.5043, 13.9347, 1.8725



6.7596, 13.9347, 9.8272



11.2157, 13.9347, 51.4251



22.9352, 13.9347, 22.1717

Rectangle

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



15.5043, 13.9347, 1.8725



9.0503, 13.9347, 2.8692



11.2157, 13.9347, 51.4251



18.5679, 13.9347, 43.9973

Sweetspot

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



15.5046, 13.9354, 1.8728



38.1108, 39.6276, 26.8668



12.0860, 6.1631, 3.6160



8.5373, 8.8475, 5.5861



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.5046, 13.9354, 1.8728



27.1867, 24.2590, 3.2496



18.0560, 24.1132, 3.7028



5.6841, 5.9744, 5.7430



13.5241, 12.1799, 1.6382



0.1500, 0.1578, 0.0225

Inverse Universe

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



6.1747, 4.2948, 26.8889



10.7481, 7.2900, 47.3786



5.3563, 2.1798, 26.5238



5.2732, 5.5422, 6.8206



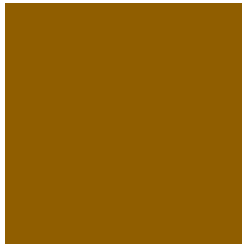
5.3972, 3.7805, 23.4223



0.0707, 0.0744, 0.2303

Previews

White Background



This preview shows how the XYZ color 15.5043, 13.9347, 1.8725 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 15.5043, 13.9347, 1.8725 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 15.5043, 13.9347, 1.8725

Background



This preview shows how black text looks on a background with the XYZ color 15.5043, 13.9347, 1.8725.



This preview shows how white text looks on a background with the XYZ color 15.5043, 13.9347,

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

15.5043, 13.9347, 1.8725

Protanopia

12.5776, 13.9766, 2.3220

Deuteranopia

14.1347, 13.9102, 1.9400



Tritanopia

17.6413, 13.9204, 12.3468

Trichromacy



Original Color

15.5043, 13.9347, 1.8725

Protanomaly

13.4389, 13.8325, 2.1339

Deuteranomaly

14.5912, 13.8678, 1.9077

Tritanomaly

16.5044, 13.8416, 6.0768

Monochromacy



Original Color

15.5043, 13.9347, 1.8725

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2144, 12.5420, 6.3345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5043, 13.9347, 1.8725 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(144, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 94, 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(144, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.5043, 13.9347, 1.8725 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(144, 94, 0) }
```


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

```
.border{ border-color:rgb(144, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(144, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.5043, 13.9347, 1.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 94, 0) }
```

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

```
.background{ background-color: rgb(144, 94,  
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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