

Converting Colors

XYZ(14.9267, 8.3058, 0.7767)

Have a look what the booklet for
XYZ(14.9267, 8.3058, 0.7767)
contains.

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Color

**XYZ(14.9125, 8.3041,
0.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	A01C00
RGB	160, 28, 0
RGB Percent	63%, 11%, 0%
CMY	0.3726, 0.8901, 1.0000
CMYK	0.00, 0.82, 1.00, 0.37
HSL	11°, 100%, 31%
HSV	11°, 100%, 63%
XYZ	14.9125, 8.3041, 0.8169
YIQ	64.2760, 87.6600, 19.2760

Conversions

Conversions Part 2

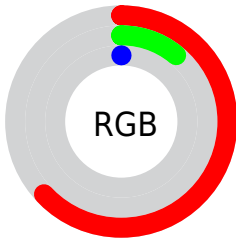
Format	Color
R _Y B	160, 34, 0
Decimal	10492928
CIE Lab	34.61, 51.54, 47.99
CIE LCh	35, 70.417, 42.957
Yxy	8.3041, 0.6205, 0.3455
Android (android.graphics.Color)	4288683008 (0xFFA01C00)
YUV	64.2760, -31.6881, 83.9499
Hunter-Lab	28.8168, 41.9430, 18.4910

Details

The XYZ color **14.9125, 8.3041, 0.8169** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.5950, 19.0377, 36.1630**, and the grayscale version is **4.9525, 5.2105, 5.6742**.

A 20% lighter version of the original color is **34.3136, 22.5653, 5.4527**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.9126, 8.3045, 0.8170**, and if you desaturate by 10%, it is **15.3909, 9.1115, 1.4378**.

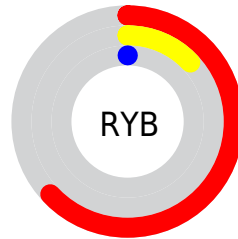
Distribution



Red (63%)

Green (11%)

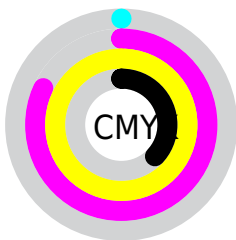
Blue (0%)



Red (63%)

Yellow (13%)

Blue (0%)

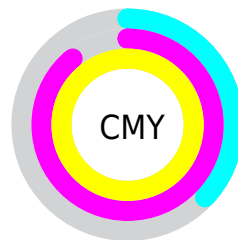


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (37%)



Cyan (37%)


Magenta (89%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9125, 8.3041, 0.8169 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 14.9125, 8.3041, 0.8169 by changing the saturation by 10% instead.


 14.9125, 8.3041,
0.8169


 14.9125, 8.3041,
0.8169


 216.2349,
178.0981, 100.0570


 8.8439, 4.2901,
0.0000


 34.2725, 22.5525,
5.4603

 4.6958, 1.8372,
0.0000

 48.2947, 33.5557,
10.2546


 2.1028, 0.5102,
0.0000

 65.6987, 47.6574,
17.2579

 0.6907, 0.0000,
0.0000

 86.8500, 65.2421,
26.8886


 0.0000, 0.0000,
0.0000


 112.1139, 86.6941,
39.5654


 141.8558,


112.3979, 55.7066


 176.4410,
142.7378, 75.7310


 14.9125, 8.3041,
0.8169


 14.9125, 8.3041,
0.8169


 14.9126, 8.3045,
0.8170

 15.3909, 9.1115,
1.4378

 16.0962, 10.2545,
2.4976

 17.0742, 11.7740,
4.1692

 18.3507, 13.7000,
6.5279

 19.9484, 16.0593,
9.6381

■ 21.8877, 18.8764,
13.5566

■ 24.1870, 22.1738,
18.3349

■ 26.8639, 25.9728,
24.0200

■ 29.9343, 30.2932,
30.6556

Harmonies

Analogous

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



17.9307, 8.3041, 4.9681



14.9125, 8.3041, 0.8169



10.3517, 8.3041, 0.0000

Triad

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



14.9125, 8.3041, 0.8169



2.6083, 8.3041, 4.0237



9.7336, 8.3041, 51.5509

Complementary

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



14.9125, 8.3041, 0.8169



14.5950, 19.0377, 36.1630

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.



5.8578, 8.3041, 50.2723



14.9125, 8.3041, 0.8169



2.5415, 8.3041, 14.8916

Square

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



14.9125, 8.3041, 0.8169



3.7459, 8.3041, 0.5687



3.5163, 8.3041, 33.6662



14.3312, 8.3041, 36.3879

Rectangle

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



14.9125, 8.3041, 0.8169



7.5051, 8.3041, 0.0000



3.5163, 8.3041, 33.6662



8.2937, 8.3041, 53.2551

Sweetspot

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



14.9127, 8.3046, 0.8170



43.6565, 39.8899, 32.7439



18.7539, 9.1763, 23.0940



9.1991, 8.2115, 6.3965



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.9127, 8.3046, 0.8170



26.9722, 14.8687, 1.4483



19.7202, 17.9196, 2.4195



6.7223, 6.8246, 6.9486



11.6407, 6.5170, 0.6444



0.2310, 0.1622, 0.0191

Inverse Universe

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



14.5950, 19.0377, 36.1630



26.3677, 34.3018, 65.6177



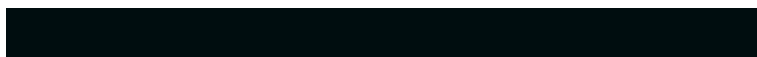
7.6336, 5.1149, 33.8425



6.7230, 7.3118, 8.4637



11.3978, 14.8871, 28.1800



0.2275, 0.3136, 0.5118

Previews

White Background



This preview shows how the XYZ color 14.9125, 8.3041, 0.8169 looks on a white background.

Color Contrast Check

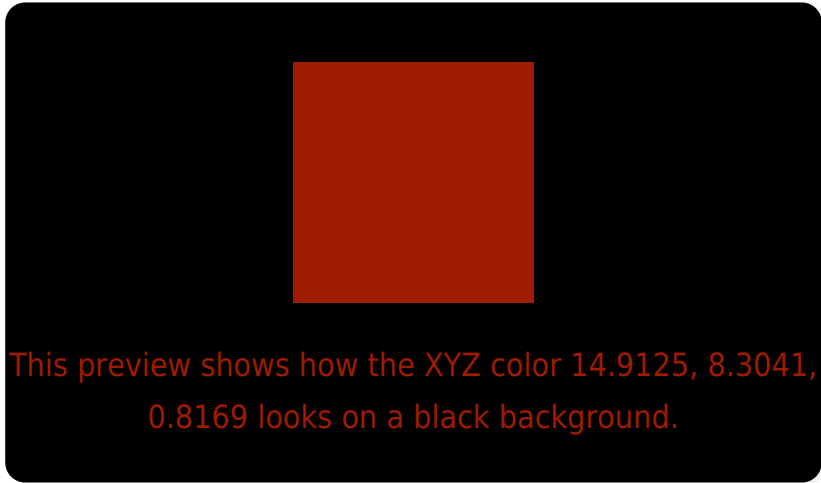
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9125, 8.3041, 0.8169

Background



This preview shows how black text looks on a background with the XYZ color 14.9125, 8.3041, 0.8169.



This preview shows how white text looks on a background with the XYZ color 14.9125, 8.3041,

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

14.9125, 8.3041, 0.8169

Protanopia

7.8269, 8.6132, 1.8661

Deuteranopia

8.6217, 8.5952, 1.2046



Tritanopia

15.0421, 8.2826, 1.7256

Trichromacy



Original Color

14.9125, 8.3041, 0.8169

Protanomaly

9.3151, 7.4331, 1.2916

Deuteranomaly

10.0733, 7.5917, 0.9344

Tritanomaly

14.9827, 8.2949, 1.3016

Monochromacy



Original Color

14.9125, 8.3041, 0.8169

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.7297, 5.1804, 2.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9125, 8.3041, 0.8169 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(160, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(160, 28, 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(160, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 28, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9125, 8.3041, 0.8169 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(160, 28, 0) }
```


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

```
.border{ border-color:rgb(160, 28, 0) }
```

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

Here you see how a box with a 4 pixel rgb(160, 28, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 28, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 28, 0);  
box-shadow:4px 4px 4px 4px rgb(160, 28, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9125, 8.3041, 0.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 28, 0) }
```

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

```
.background{ background-color: rgb(160, 28,  
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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