

Converting Colors

XYZ(14.4722, 8.5840, 0.4422)

Have a look what the booklet for
XYZ(14.4722, 8.5840, 0.4422)
contains.

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Color

**XYZ(14.6634, 8.6857,
0.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2800
RGB	157, 40, 0
RGB Percent	62%, 16%, 0%
CMY	0.3843, 0.8431, 1.0000
CMYK	0.00, 0.75, 1.00, 0.38
HSL	15°, 100%, 31%
HSV	15°, 100%, 62%
XYZ	14.6634, 8.6857, 0.9037
YIQ	70.4230, 82.5720, 12.3640

Conversions

Conversions Part 2

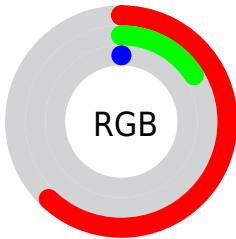
Format	Color
R _Y B	157, 54, 0
Decimal	10299392
CIE Lab	35.37, 46.73, 48.06
CIE LCh	35, 67.036, 45.801
Yxy	8.6857, 0.6046, 0.3581
Android (android.graphics.Color)	4288489472 (0xFF9D2800)
YUV	70.4230, -34.7185, 75.9280
Hunter-Lab	29.4715, 37.2366, 18.8120

Details

The XYZ color **14.6634, 8.6857, 0.9037** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.4462, 15.1552, 34.1672**, and the grayscale version is **5.9394, 6.2487, 6.8049**.

A 20% lighter version of the original color is **33.7918, 23.2958, 5.7331**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.6635, 8.6861, 0.9037**, and if you desaturate by 10%, it is **15.2108, 9.6346, 1.5366**.

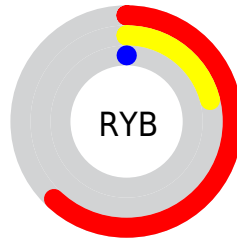
Distribution



Red (62%)

Green (16%)

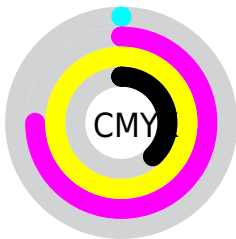
Blue (0%)



Red (62%)

Yellow (21%)

Blue (0%)

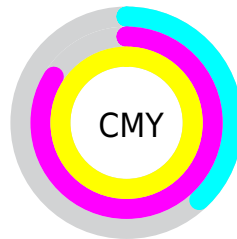


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (38%)



Cyan (38%)


Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6634, 8.6857, 0.9037 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 14.6634, 8.6857, 0.9037 by changing the saturation by 10% instead.


 14.6634, 8.6857,
0.9037


 14.6634, 8.6857,
0.9037


 214.7487,
181.0156, 101.9859


 8.6683, 4.5367,
0.0000


 33.8381, 23.2921,
5.7407


 4.5808, 1.9781,
0.0000

 47.7484, 34.5184,
10.6801


 2.0357, 0.5947,
0.0000

 65.0278, 48.8726,
17.8586

 0.6539, 0.0000,
0.0000


 86.0417, 66.7390,
27.6947


 0.0000, 0.0000,
0.0000


 111.1553, 88.5021,
40.6069


 140.7342,


114.5464, 57.0138


 175.1435,
145.2560, 77.3340


 14.6634, 8.6857,
0.9037


 14.6634, 8.6857,
0.9037


 14.6635, 8.6861,
0.9037

 15.2108, 9.6346,
1.5366

 15.9573, 10.8694,
2.5813

 16.9430, 12.4207,
4.2046

 18.1887, 14.3097,
6.4771

 19.7128, 16.5555,
9.4590

■ 21.5319, 19.1758,
13.2037

■ 23.6613, 22.1871,
17.7593

■ 26.1150, 25.6047,
23.1701

■ 28.9063, 29.4433,
29.4768

Harmonies

Analogous

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



17.7756, 8.6857, 4.7323



14.6634, 8.6857, 0.9037



10.2345, 8.6857, 0.0000

Triad

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



14.6634, 8.6857, 0.9037



2.9113, 8.6857, 5.1075



10.4701, 8.6857, 48.8187

Complementary

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



14.6634, 8.6857, 0.9037



12.4462, 15.1552, 34.1672

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.



6.5496, 8.6857, 49.2845



14.6634, 8.6857, 0.9037



2.9385, 8.6857, 16.5924

Square

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



14.6634, 8.6857, 0.9037



3.9624, 8.6857, 0.9968



4.0540, 8.6857, 34.7162



14.8820, 8.6857, 33.7152

Rectangle

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



14.6634, 8.6857, 0.9037



7.5206, 8.6857, 0.0000



4.0540, 8.6857, 34.7162



9.0368, 8.6857, 50.9440

Sweetspot

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



14.6636, 8.6862, 0.9038



42.1390, 39.4033, 31.2919



17.1597, 8.4701, 17.7922



8.9333, 8.1928, 6.1542



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.



14.6636, 8.6862, 0.9038



26.1291, 15.2919, 1.5745



20.3535, 20.0661, 2.8005



6.7636, 6.9073, 6.9624



11.9358, 7.1072, 0.7427



0.2442, 0.1887, 0.0236

Inverse Universe

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



12.4462, 15.1552, 34.1672



22.1299, 26.8212, 61.1374



6.8196, 3.9019, 32.2916



6.6787, 7.2231, 8.4489



10.1393, 12.3701, 27.7605



0.2127, 0.2840, 0.5068

Previews

White Background



This preview shows how the XYZ color 14.6634, 8.6857, 0.9037 looks on a white background.

Color Contrast Check

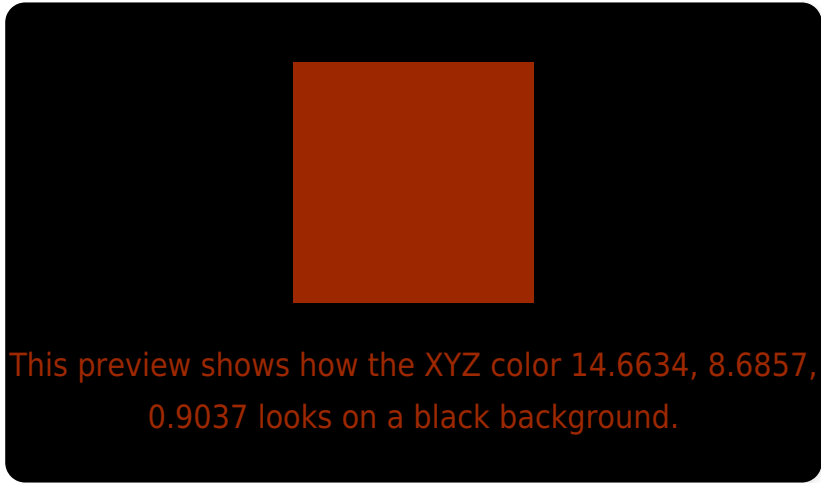
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6634, 8.6857, 0.9037

Background



This preview shows how black text looks on a background with the XYZ color 14.6634, 8.6857, 0.9037.



This preview shows how white text looks on a background with the XYZ color 14.6634, 8.6857,

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

14.6634, 8.6857, 0.9037

Protanopia

8.0770, 8.9736, 1.8786

Deuteranopia

8.9321, 8.8631, 1.2400



Tritanopia

15.1120, 8.7322, 2.7227

Trichromacy



Original Color

14.6634, 8.6857, 0.9037

Protanomaly

9.6597, 8.1320, 1.3771

Deuteranomaly

10.3477, 8.1406, 1.0259

Tritanomaly

14.9585, 8.7213, 1.7591

Monochromacy



Original Color

14.6634, 8.6857, 0.9037

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

7.5171, 6.1422, 3.2720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6634, 8.6857, 0.9037 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, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 40, 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, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 40, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.6634, 8.6857, 0.9037 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, 40, 0) }
```


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

```
.border{ border-color:rgb(157, 40, 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, 40, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 40, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 40, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 40, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.6634, 8.6857, 0.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 40, 0) }
```

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

```
.background{ background-color: rgb(157, 40,  
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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