

Converting Colors

XYZ(13.8391, 8.0082, 0.8286)

Have a look what the booklet for
XYZ(13.8391, 8.0082, 0.8286)
contains.

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Color

**XYZ(13.9275, 8.0721,
0.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	9A2300
RGB	154, 35, 0
RGB Percent	60%, 14%, 0%
CMY	0.3961, 0.8627, 1.0000
CMYK	0.00, 0.77, 1.00, 0.40
HSL	14°, 100%, 30%
HSV	14°, 100%, 60%
XYZ	13.9275, 8.0721, 0.8240
YIQ	66.5910, 82.1590, 14.3430

Conversions

Conversions Part 2

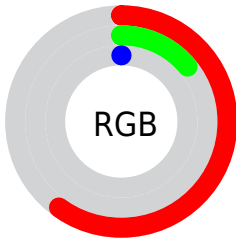
Format	Color
R_{YB}	154, 45, 0
Decimal	10101504
CIE Lab	34.13, 47.51, 47.06
CIE LCh	34, 66.876, 44.728
Yxy	8.0721, 0.6102, 0.3537
Android (android.graphics.Color)	4288291584 (0xFF9A2300)
YUV	66.5910, -32.8294, 76.6577
Hunter-Lab	28.4114, 37.7820, 18.1685

Details

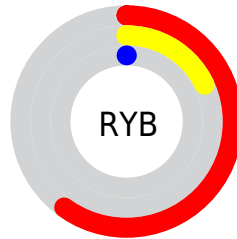
The XYZ color **13.9275, 8.0721, 0.8240** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **12.4285, 15.5247, 32.9132**, and the grayscale version is **5.3122, 5.5888, 6.0862**.

A 20% lighter version of the original color is **32.5294, 22.1330, 5.4633**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.9277, 8.0726, 0.8241**, and if you desaturate by 10%, it is **14.4283, 8.9313, 1.4305**.

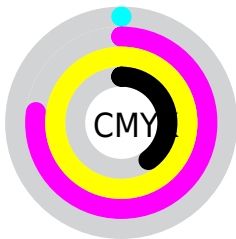
Distribution



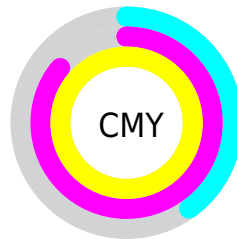
- Red (60%)
- Green (14%)
- Blue (0%)



- Red (60%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (100%)
- Black (40%)





- Cyan (40%)
- Magenta (86%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9275, 8.0721, 0.8240 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 13.9275, 8.0721, 0.8240 by changing the saturation by 10% instead.


 13.9275, 8.0721,
0.8240


 13.9275, 8.0721,
0.8240


 210.2990,
176.2964, 100.2139

 8.1516, 4.1411,
0.0000


 32.5477, 22.0997,
5.4829


 4.2447, 1.7528,
0.0000

 46.1227, 32.9650,
10.2890


 1.8415, 0.4575,
0.0000

 63.0281, 46.9107,
17.3065

 0.5425, 0.0000,
0.0000


 83.6293, 64.3209,
26.9540


 0.0000, 0.0000,
0.0000


 108.2916, 85.5803,
39.6499


 137.3805,


111.0730, 55.8128


 171.2611,
141.1836, 75.8613


 13.9275, 8.0721,
0.8240


 13.9275, 8.0721,
0.8240


 13.9277, 8.0726,
0.8241

 14.4283, 8.9313,
1.4305

 15.1251, 10.0760,
2.4303

 16.0581, 11.5381,
3.9863

 17.2481, 13.3397,
6.1659

 18.7137, 15.5013,
9.0270

■ 20.4714, 18.0412,
12.6206

■ 22.5367, 20.9768,
16.9929

■ 24.9236, 24.3241,
22.1862

■ 27.6455, 28.0985,
28.2398

Harmonies

Analogous

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



16.8295, 8.0721, 4.5560



13.9275, 8.0721, 0.8240



9.7058, 8.0721, 0.0000

Triad

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



13.9275, 8.0721, 0.8240



2.6479, 8.0721, 4.4362



9.6294, 8.0721, 46.9666

Complementary

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



13.9275, 8.0721, 0.8240



12.4285, 15.5247, 32.9132

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.



5.9447, 8.0721, 46.8133



13.9275, 8.0721, 0.8240



2.6393, 8.0721, 15.0625

Square

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



13.9275, 8.0721, 0.8240



3.6719, 8.0721, 0.7926



3.6426, 8.0721, 32.3819



13.8563, 8.0721, 32.7102

Rectangle

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



13.9275, 8.0721, 0.8240



7.1000, 8.0721, 0.0000



3.6426, 8.0721, 32.3819



8.2745, 8.0721, 48.8272

Sweetspot

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



13.9277, 8.0726, 0.8241



40.6978, 37.7643, 30.3494



16.7551, 8.2415, 18.6791



8.8657, 8.0577, 6.1317



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.



13.9277, 8.0726, 0.8241



25.1776, 14.4180, 1.4559



18.9419, 18.1011, 2.4955



6.3171, 6.4393, 6.5158



11.3708, 6.6239, 0.6792



0.1938, 0.1466, 0.0181

Inverse Universe

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



12.4285, 15.5247, 32.9132



22.4262, 27.8994, 59.7394



6.7198, 4.1073, 31.0103



6.2655, 6.7883, 7.9090



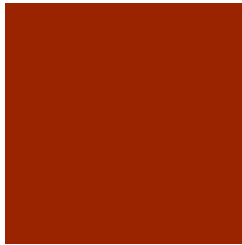
10.1535, 12.7036, 26.8246



0.1780, 0.2423, 0.4098

Previews

White Background



This preview shows how the XYZ color 13.9275, 8.0721, 0.8240 looks on a white background.

Color Contrast Check

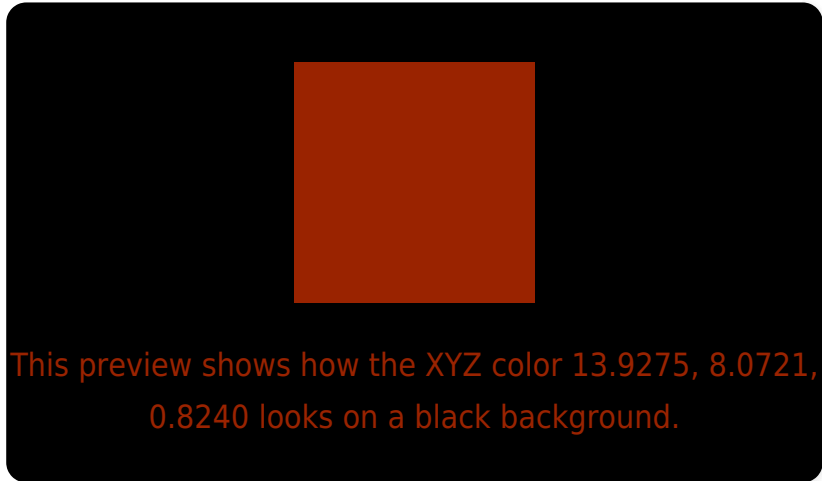
Large Text (above 18pt) WCAG AA ✓ Pass

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

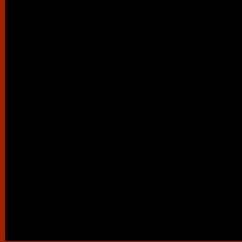
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9275, 8.0721, 0.8240

Background



This preview shows how black text looks on a background with the XYZ color 13.9275, 8.0721, 0.8240.



This preview shows how white text looks on a background with the XYZ color 13.9275, 8.0721,

0.8240.

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

13.9275, 8.0721, 0.8240

Protanopia

7.5401, 8.3536, 1.7873

Deuteranopia

8.3179, 8.3323, 1.1699



Tritanopia

14.1448, 8.0675, 2.2505

Trichromacy



Original Color

13.9275, 8.0721, 0.8240

Protanomaly

9.0209, 7.4496, 1.2791

Deuteranomaly

9.7487, 7.5828, 0.9498

Tritanomaly

14.0338, 8.0682, 1.5271

Monochromacy



Original Color

13.9275, 8.0721, 0.8240

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

6.9478, 5.5594, 2.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9275, 8.0721, 0.8240 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(154, 35, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 35, 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(154, 35, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 35, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.9275, 8.0721, 0.8240 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(154, 35, 0) }
```


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

```
.border{ border-color:rgb(154, 35, 0) }
```

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

Here you see how a box with a 4 pixel rgb(154, 35, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 35, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 35, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 35, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9275, 8.0721, 0.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 35, 0) }
```

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

```
.background{ background-color: rgb(154, 35,  
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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