

Converting Colors

XYZ(14.0941, 7.3097, 2.6265)

Have a look what the booklet for
XYZ(14.0941, 7.3097, 2.6265)
contains.

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Color

**XYZ(14.1308, 7.3229,
2.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0527
RGB	156, 5, 39
RGB Percent	61%, 2%, 15%
CMY	0.3882, 0.9803, 0.8471
CMYK	0.00, 0.97, 0.75, 0.39
HSL	346°, 94%, 32%
HSV	346°, 97%, 61%
XYZ	14.1308, 7.3229, 2.5881
YIQ	54.0250, 79.0820, 42.5860

Conversions

Conversions Part 2

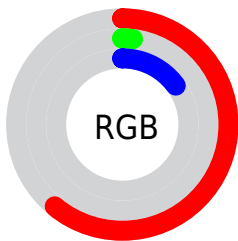
Format	Color
RYB	156, 5, 39
Decimal	10224935
CIELab	32.53, 55.69, 26.17
CIELCh	33, 61.535, 25.168
Yxy	7.3229, 0.5878, 0.3046
Android (android.graphics.Color)	4288415015 (0xFF9C0527)
YUV	54.0250, -7.4073, 89.4321
Hunter-Lab	27.0609, 45.8537, 13.2721

Details

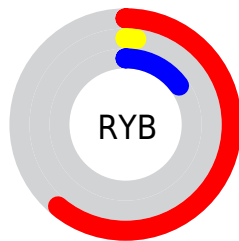
The XYZ color **14.1308, 7.3229, 2.5881** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.4654, 25.2149, 22.4707**, and the grayscale version is **3.5127, 3.6957, 4.0246**.

A 20% lighter version of the original color is **32.7999, 20.5607, 10.6274**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.0153, 7.1899, 2.2478**, and if you desaturate by 10%, it is **14.5710, 7.8302, 3.8856**.

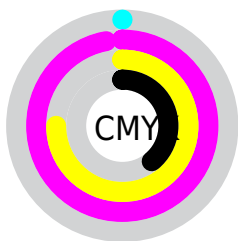
Distribution



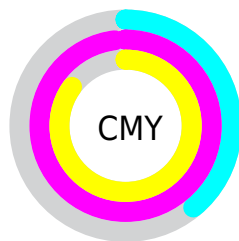
- Red (61%)
- Green (2%)
- Blue (15%)



- Red (61%)
- Yellow (2%)
- Blue (15%)



- Cyan (0%)
- Magenta (97%)
- Yellow (75%)
- Black (39%)





- Cyan (39%)
- Magenta (98%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1308, 7.3229, 2.5881 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 14.1308, 7.3229, 2.5881 by changing the saturation by 10% instead.


 14.1308, 7.3229,
2.5881


 14.1308, 7.3229,
2.5881


211.5374,
170.3204, 130.9280


 8.2940, 3.6648,
0.8863


 32.9053, 20.6199,
10.5939


 4.3370, 1.4879,
0.0000

 46.5736, 31.0277,
17.7371


 1.8945, 0.2802,
0.0000

 63.5833, 44.4541,
27.5318

 0.5736, 0.0000,
0.0000


 84.2995, 61.2836,
40.3967


 0.0000, 0.0000,
0.0000


 109.0876, 81.9006,
56.7502


 138.3131,


106.6895, 77.0109

 172.3412,
136.0346, 101.5973


 14.1308, 7.3229,
2.5881


 14.1308, 7.3229,
2.5881


 14.0153, 7.1899,
2.2478

 14.5710, 7.8302,
3.8856

 15.2500, 8.7039,
5.6050

 16.2094, 10.0195,
7.7842

 17.4774, 11.8263,
10.4548

 19.0785, 14.1668,
13.6451

■ 21.0349, 17.0792,
17.3815

■ 23.3667, 20.5979,
21.6882

■ 26.0924, 24.7547,
26.5883

■ 29.2295, 29.5791,
32.1032

Harmonies

Analogous

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



15.0500, 7.3229, 9.5488



14.1308, 7.3229, 2.5881



11.0910, 7.3229, 0.3900

Triad

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



14.1308, 7.3229, 2.5881



3.0378, 7.3229, 1.5554



6.4555, 7.3229, 41.4846

Complementary

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



14.1308, 7.3229, 2.5881



15.4654, 25.2149, 22.4707

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.



4.0083, 7.3229, 32.8830



14.1308, 7.3229, 2.5881



2.4584, 7.3229, 6.5816

Square

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



14.1308, 7.3229, 2.5881



4.6612, 7.3229, 0.0276



2.7497, 7.3229, 18.0382



9.9128, 7.3229, 36.8426

Rectangle

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



14.1308, 7.3229, 2.5881



8.6539, 7.3229, 0.0000



2.7497, 7.3229, 18.0382



5.5033, 7.3229, 39.9322

Sweetspot

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



14.1310, 7.3234, 2.5882



41.1877, 35.5133, 37.1015



13.9084, 6.5577, 31.9851



8.6926, 7.2553, 7.4801



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.



14.1310, 7.3234, 2.5882



25.3933, 13.0339, 3.7532



14.6869, 8.9772, 1.1028



6.6912, 6.6694, 7.2248



11.5557, 5.9268, 1.9114



0.2208, 0.1116, 0.1088

Inverse Universe

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



14.1310, 7.3234, 2.5882



25.3933, 13.0339, 3.7532



12.2789, 14.8633, 33.6742



6.6912, 6.6694, 7.2248



11.5557, 5.9268, 1.9114



0.2208, 0.1116, 0.1088

Previews

White Background



This preview shows how the XYZ color 14.1308, 7.3229, 2.5881 looks on a white background.

Color Contrast Check

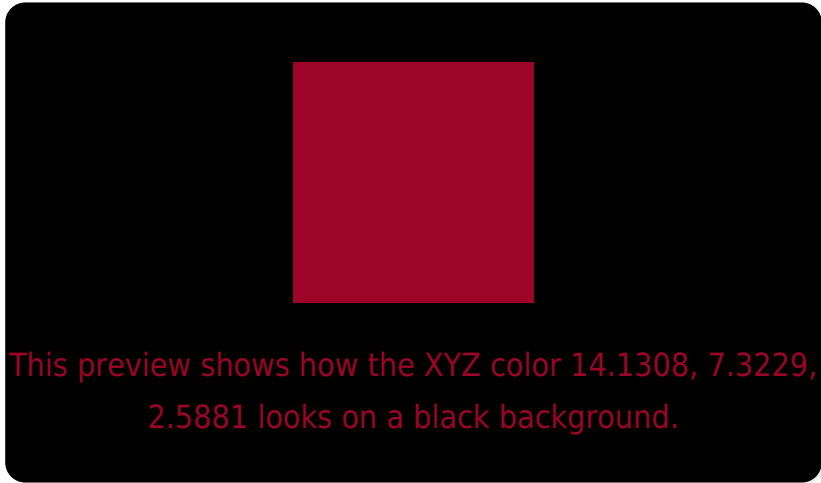
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1308, 7.3229, 2.5881

Background



This preview shows how black text looks on a background with the XYZ color 14.1308, 7.3229, 2.5881.



This preview shows how white text looks on a background with the XYZ color 14.1308, 7.3229,

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

14.1308, 7.3229, 2.5881

Protanopia

7.3317, 7.8390, 5.2643

Deuteranopia

7.8960, 7.7785, 2.3135



Tritanopia

13.7784, 7.3936, 1.0175

Trichromacy



Original Color

14.1308, 7.3229, 2.5881

Protanomaly

8.4034, 6.0834, 3.9801

Deuteranomaly

9.1608, 6.3841, 2.1883

Tritanomaly

13.7969, 7.3106, 1.3934

Monochromacy



Original Color

14.1308, 7.3229, 2.5881

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.4996, 3.7077, 3.3315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1308, 7.3229, 2.5881 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(156, 5, 39)` looks like.

```
.text, #text, p{  
    color:rgb(156, 5, 39)  
}
```

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(156, 5, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 5, 39) }
```

Border

The CSS property to change the border of an element to XYZ 14.1308, 7.3229, 2.5881 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(156, 5, 39) }
```


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

```
.border{ border-color:rgb(156, 5, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 5, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 5, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 5, 39);  
box-shadow:4px 4px 4px 4px rgb(156, 5, 39)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1308, 7.3229, 2.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 5, 39) }
```

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

```
.background{ background-color: rgb(156, 5,  
39) }
```

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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