

Converting Colors

XYZ(14.8611, 7.5373, 8.2989)

Have a look what the booklet for
XYZ(14.8611, 7.5373, 8.2989)
contains.

XYZ(14.8070, 7.5143, 8.2594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8070, 7.5143,
8.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	9A0350
RGB	154, 3, 80
RGB Percent	60%, 1%, 31%
CMY	0.3961, 0.9882, 0.6863
CMYK	0.00, 0.98, 0.48, 0.40
HSL	329°, 96%, 31%
HSV	329°, 98%, 60%
XYZ	14.8070, 7.5143, 8.2594
YIQ	56.9270, 65.2790, 55.9590

Conversions

Conversions Part 2

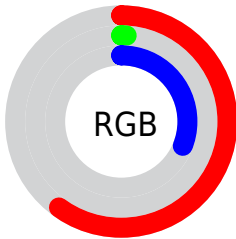
Format	Color
RYB	154, 3, 80
Decimal	10093392
CIELab	32.95, 58.05, -0.27
CIELCh	33, 58.046, 359.737
Yxy	7.5143, 0.4842, 0.2457
Android (android.graphics.Color)	4288283472 (0xFF9A0350)
YUV	56.9270, 11.3750, 85.1330
Hunter-Lab	27.4122, 48.4473, 1.3243

Details

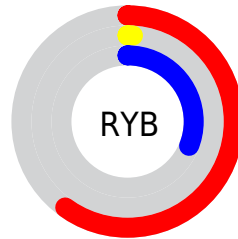
The XYZ color **14.8070, 7.5143, 8.2594** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.9336, 23.6668, 10.9109**, and the grayscale version is **3.8602, 4.0612, 4.4227**.

A 20% lighter version of the original color is **33.9875, 20.9000, 23.0116**, and **5.1423, 2.6142, 1.9026** is the 20% darker color. If you saturate the color by 10%, you get **14.7204, 7.4276, 7.9639**, and if you desaturate by 10%, it is **15.2924, 8.0134, 9.8754**.

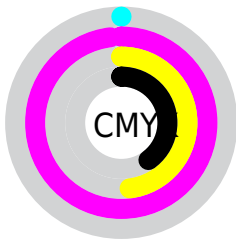
Distribution



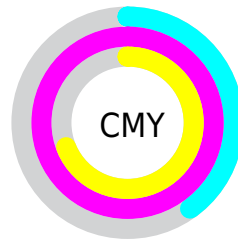
- Red (60%)
- Green (1%)
- Blue (31%)



- Red (60%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (48%)
- Black (40%)




- Cyan (40%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8070, 7.5143, 8.2594 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 14.8070, 7.5143, 8.2594 by changing the saturation by 10% instead.


 14.8070, 7.5143,
8.2594


 14.8070, 7.5143,
8.2594


215.6067,
171.8713, 187.7626


 8.7695, 3.7858,
4.1712


 34.0887, 21.0006,
23.0199


 4.6470, 1.5545,
1.7197

 48.0636, 31.5272,
34.5294


 2.0743, 0.3266,
0.3742

 65.4149, 45.0886,
49.3497

 0.6752, 0.0000,
0.0000


 86.5082, 62.0691,
67.8993

 0.0000, 0.0000,
0.0000

 111.7086, 82.8533,
90.5969

 141.3816,


107.8254, 117.8610

 175.8925,
137.3700, 150.1100


 14.8070, 7.5143,
8.2594


 14.8070, 7.5143,
8.2594


 14.7204, 7.4276,
7.9639

 15.2924, 8.0134,
9.8754

 15.9632, 8.8317,
11.7127

 16.8642, 10.0570,
13.7908

 18.0198, 11.7368,
16.1223

 19.4510, 13.9118,
18.7186

■ 21.1765, 16.6179,
21.5900

■ 23.2133, 19.8881,
24.7461

■ 25.5771, 23.7523,
28.1960

■ 28.2825, 28.2384,
31.9484

Harmonies

Analogous

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



13.5391, 7.5143, 19.9792



14.8070, 7.5143, 8.2594



13.5805, 7.5143, 2.3399

Triad

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



14.8070, 7.5143, 8.2594



4.5991, 7.5143, 0.4481



4.5643, 7.5143, 33.1401

Complementary

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



14.8070, 7.5143, 8.2594



12.9336, 23.6668, 10.9109

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.



3.1491, 7.5143, 19.7372



14.8070, 7.5143, 8.2594



3.1648, 7.5143, 2.2822

Square

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



14.8070, 7.5143, 8.2594



7.1692, 7.5143, 0.0000



2.7205, 7.5143, 8.1047



7.1151, 7.5143, 39.3357

Rectangle

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



14.8070, 7.5143, 8.2594



11.6693, 7.5143, 0.8751



2.7205, 7.5143, 8.1047



3.9697, 7.5143, 29.0080

Sweetspot

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



14.8072, 7.5147, 8.2595



41.5605, 35.1438, 44.0352



8.8454, 3.9348, 30.8653



9.0653, 7.4044, 9.4425



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.



14.8072, 7.5147, 8.2595



26.6424, 13.4535, 13.9496



13.3895, 6.9477, 0.7942



6.3336, 6.2726, 7.1370



12.0112, 6.0587, 6.5839



0.1979, 0.0979, 0.1951

Inverse Universe

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



14.8072, 7.5147, 8.2595



26.6424, 13.4535, 13.9496



17.2187, 25.3809, 33.4761



6.3336, 6.2726, 7.1370



12.0112, 6.0587, 6.5839



0.1979, 0.0979, 0.1951

Previews

White Background



This preview shows how the XYZ color 14.8070, 7.5143, 8.2594 looks on a white background.

Color Contrast Check

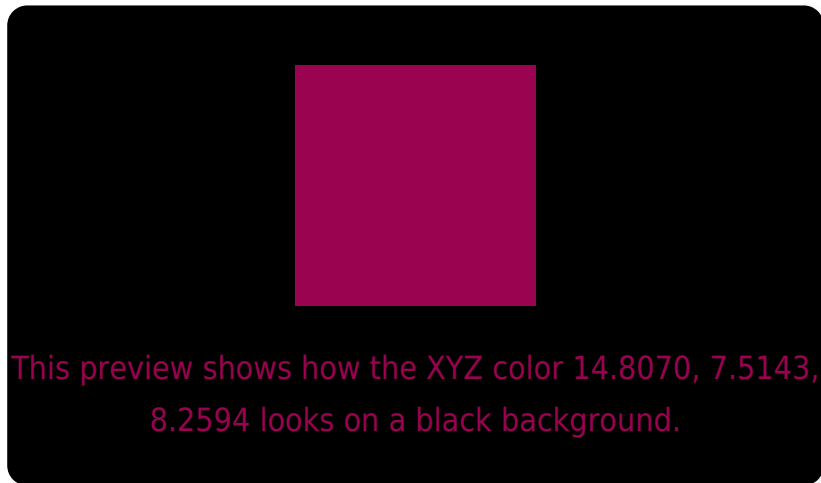
Large Text (above 18pt) WCAG AA ✓ Pass

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

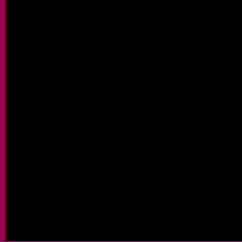
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8070, 7.5143, 8.2594

Background



This preview shows how black text looks on a background with the XYZ color 14.8070, 7.5143, 8.2594.



This preview shows how white text looks on a background with the XYZ color 14.8070, 7.5143, 8.2594.

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

14.8070, 7.5143, 8.2594

Protanopia

8.3447, 8.0950, 17.3423

Deuteranopia

8.2043, 8.0263, 7.5954



Tritanopia

13.7261, 7.8127, 2.1511

Trichromacy



Original Color

14.8070, 7.5143, 8.2594

Protanomaly

8.8376, 6.0363, 13.2697

Deuteranomaly

9.3845, 6.3804, 7.5744

Tritanomaly

13.9594, 7.5304, 3.6235

Monochromacy



Original Color

14.8070, 7.5143, 8.2594

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.0293, 3.9801, 5.4515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8070, 7.5143, 8.2594 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, 3, 80)` looks like.

```
.text, #text, p{  
    color:rgb(154, 3, 80)  
}
```

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, 3, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 3, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.8070, 7.5143, 8.2594 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, 3, 80) }
```


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

```
.border{ border-color:rgb(154, 3, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 3, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 3, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 3, 80);  
box-shadow:4px 4px 4px 4px rgb(154, 3, 80)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8070, 7.5143, 8.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 3, 80) }
```

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

```
.background{ background-color: rgb(154, 3,  
80) }
```

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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