

Converting Colors

XYZ(9.7349, 5.6922, 3.0498)

Have a look what the booklet for
XYZ(9.7349, 5.6922, 3.0498)
contains.

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Color

XYZ(9.7160, 5.6815, 3.0672)

Conversions

Conversions Part 1

Format	Color
Hex	7F1F2D
RGB	127, 31, 45
RGB Percent	50%, 12%, 18%
CMY	0.5020, 0.8784, 0.8235
CMYK	0.00, 0.76, 0.65, 0.50
HSL	351°, 61%, 31%
HSV	351°, 76%, 50%
XYZ	9.7160, 5.6815, 3.0672
YIQ	61.3000, 52.7220, 24.7060

Conversions

Conversions Part 2

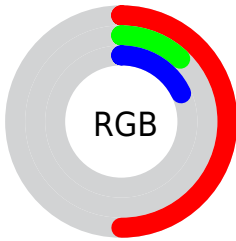
Format	Color
RYB	127, 31, 45
Decimal	8331053
CIELab	28.59, 41.57, 16.03
CIElCh	29, 44.555, 21.090
Yxy	5.6815, 0.5262, 0.3077
Android (android.graphics.Color)	4286521133 (0xFF7F1F2D)
YUV	61.3000, -8.0359, 57.6189
Hunter-Lab	23.8359, 31.0474, 9.0557

Details

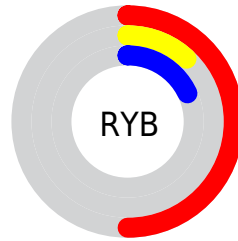
The XYZ color **9.7160, 5.6815, 3.0672** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **11.1356, 16.6624, 18.2541**, and the grayscale version is **4.4846, 4.7181, 5.1380**.

A 20% lighter version of the original color is **24.9463, 17.2390, 11.6855**, and **2.6725, 1.3777, 0.1251** is the 20% darker color. If you saturate the color by 10%, you get **9.2645, 5.0710, 2.0154**, and if you desaturate by 10%, it is **10.3522, 6.5757, 4.4457**.

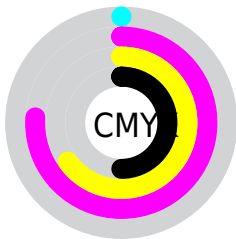
Distribution



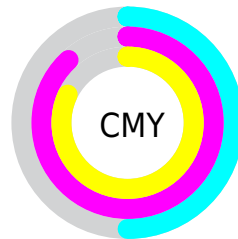
- Red (50%)
- Green (12%)
- Blue (18%)



- Red (50%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (65%)
- Black (50%)



- Cyan (50%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7160, 5.6815, 3.0672 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 9.7160, 5.6815, 3.0672 by changing the saturation by 10% instead.

9.7160, 5.6815,
3.0672

9.7160, 5.6815,
3.0672

182.7292,
156.2089, 137.2120

5.2719, 2.6524,
1.1290

24.9145, 17.2666,
11.7938

2.4440, 0.9531,
0.0000

36.3996, 26.5915,
19.4194

0.8671, 0.0000,
0.0000

50.9624, 38.7837,
29.7778

0.0000, 0.0000,
0.0000

68.9682, 54.2276,
43.2876

90.7825, 73.3077,
60.3674

116.7705, 96.4084,

81.4357

147.2976,
123.9139, 106.9110

9.7160, 5.6815,
3.0672

9.7160, 5.6815,
3.0672

9.2645, 5.0710,
2.0154

10.3522, 6.5757,
4.4457

8.9709, 4.6968,
1.2604

11.1904, 7.7817,
6.1750

8.8657, 4.5573,
1.0069

12.2460, 9.3251,
8.2773

13.5330, 11.2288,
10.7727

15.0641, 13.5135,
13.6800

■ 16.8512, 16.1985,
17.0168

■ 18.9052, 19.3017,
20.7995

■ 21.2367, 22.8400,
25.0438

■ 23.8553, 26.8291,
29.7646

Harmonies

Analogous

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



10.0243, 5.6815, 8.0058



9.7160, 5.6815, 3.0672



8.1187, 5.6815, 1.0241

Triad

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



9.7160, 5.6815, 3.0672



2.9734, 5.6815, 1.5917



4.8391, 5.6815, 24.0540

Complementary

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



9.7160, 5.6815, 3.0672



11.1356, 16.6624, 18.2541

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.



3.3682, 5.6815, 18.8952



9.7160, 5.6815, 3.0672



2.4750, 5.6815, 4.6656

Square

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



9.7160, 5.6815, 3.0672



4.1584, 5.6815, 0.5405



2.5996, 5.6815, 10.9191



6.8672, 5.6815, 22.6229

Rectangle

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



9.7160, 5.6815, 3.0672



6.7107, 5.6815, 0.4999



2.5996, 5.6815, 10.9191



4.2723, 5.6815, 22.9568

Sweetspot

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



9.7161, 5.6818, 3.0673



27.5906, 25.1199, 25.6516



11.0797, 5.9970, 20.6519



6.2425, 5.5558, 5.5972



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



9.7161, 5.6818, 3.0673



16.1756, 8.5523, 2.5406



10.8674, 8.3463, 2.3351



4.3514, 4.3537, 4.6547



8.9411, 4.5961, 1.0136



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.7161, 5.6818, 3.0673



16.1756, 8.5523, 2.5406



8.3458, 9.7232, 21.5153



4.3514, 4.3537, 4.6547



8.9411, 4.5961, 1.0136



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 9.7160, 5.6815, 3.0672 looks on a white background.

Color Contrast Check

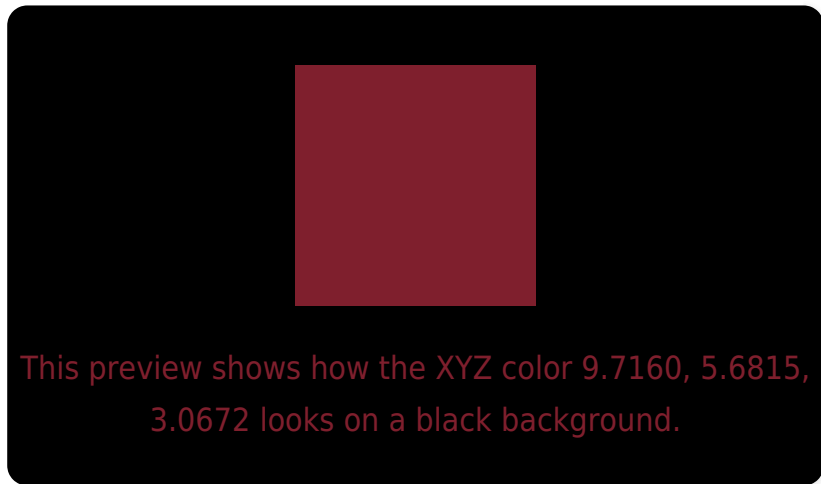
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.7160, 5.6815, 3.0672

Background



This preview shows how black text looks on a background with the XYZ color 9.7160, 5.6815, 3.0672.



This preview shows how white text looks on a background with the XYZ color 9.7160, 5.6815, 3.0672.

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

9.7160, 5.6815, 3.0672

Protanopia

5.6429, 5.9709, 5.2700

Deuteranopia

5.9874, 5.9344, 2.8374



Tritanopia

9.5850, 5.7152, 2.1113

Trichromacy



Original Color

9.7160, 5.6815, 3.0672

Protanomaly

6.4694, 5.2835, 4.2933

Deuteranomaly

6.9466, 5.4227, 2.8710

Tritanomaly

9.6188, 5.6850, 2.4241

Monochromacy



Original Color

9.7160, 5.6815, 3.0672

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

5.5765, 4.4883, 4.1869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7160, 5.6815, 3.0672 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(127, 31, 45)` looks like.

```
.text, #text, p{  
    color:rgb(127, 31, 45)  
}
```

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(127, 31, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 31, 45) }
```

Border

The CSS property to change the border of an element to XYZ 9.7160, 5.6815, 3.0672 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(127, 31, 45) }
```

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

```
.border{ border-color:rgb(127, 31, 45) }
```

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

Here you see how a box with a 4 pixel rgb(127, 31, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 31, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 31, 45);  
box-shadow:4px 4px 4px 4px rgb(127, 31,  
45) }
```


Background

The CSS property to change the background color of an element to XYZ 9.7160, 5.6815, 3.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 31, 45) }
```

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

```
.background{ background-color: rgb(127, 31,  
45) }
```

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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