

Converting Colors

XYZ(11.2873, 5.8520, 0.7309)

Have a look what the booklet for
XYZ(11.2873, 5.8520, 0.7309)
contains.

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Color

**XYZ(11.2154, 5.8095,
0.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	8E0207
RGB	142, 2, 7
RGB Percent	56%, 1%, 3%
CMY	0.4431, 0.9921, 0.9726
CMYK	0.00, 0.99, 0.95, 0.44
HSL	358°, 97%, 28%
HSV	358°, 99%, 56%
XYZ	11.2154, 5.8095, 0.7312
YIQ	44.4300, 81.8350, 31.2350

Conversions

Conversions Part 2

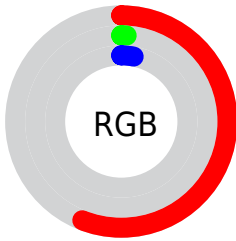
Format	Color
R_{YB}	142, 2, 7
Decimal	9306631
CIE _{Lab}	28.93, 51.59, 39.41
CIE _{LCh}	29, 64.926, 37.378
Yxy	5.8095, 0.6316, 0.3272
Android (android.graphics.Color)	4287496711 (0xFF8E0207)
YUV	44.4300, -18.4530, 85.5689
Hunter-Lab	24.1029, 40.8783, 15.0734

Details

The XYZ color **11.2154, 5.8095, 0.7312** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14.2148, 21.1656, 27.0096**, and the grayscale version is **2.4498, 2.5774, 2.8068**.

A 20% lighter version of the original color is **27.7749, 17.5918, 5.1805**, and **3.4797, 1.7938, 0.1628** is the 20% darker color. If you saturate the color by 10%, you get **11.1830, 5.7618, 0.6679**, and if you desaturate by 10%, it is **11.4763, 6.1808, 1.2828**.

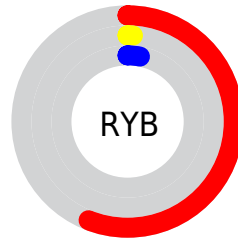
Distribution



Red (56%)

Green (1%)

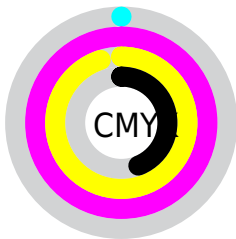
Blue (3%)



Red (56%)

Yellow (1%)

Blue (3%)

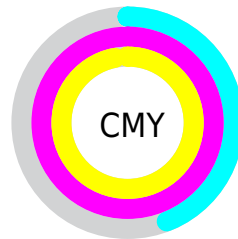


Cyan (0%)

Magenta (99%)

Yellow (95%)

Black (44%)



Cyan (44%)


Magenta (99%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.2154, 5.8095, 0.7312 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 11.2154, 5.8095, 0.7312 by changing the saturation by 10% instead.


 11.2154, 5.8095,
0.7312


 11.2154, 5.8095,
0.7312


 193.0173,
157.3691, 98.1766


 6.2803, 2.7296,
0.0000


 27.6872, 17.5346,
5.1925


 3.0585, 0.9922,
0.0000

 39.9546, 26.9485,
9.8458


 1.1848, 0.0000,
0.0000

 55.3968, 39.2427,
16.6782

 0.0943, 0.0000,
0.0000


 74.3792, 54.8013,
26.1083


 0.0000, 0.0000,
0.0000


 97.2671, 74.0089,
38.5546


 124.4258, 97.2498,


54.4358


 156.2208,
124.9084, 74.1702


 11.2154, 5.8095,
0.7312


 11.2154, 5.8095,
0.7312


 11.1830, 5.7618,
0.6679

 11.4763, 6.1808,
1.2828

 11.9245, 6.8183,
2.2305

 12.6143, 7.8125,
3.6484

 13.5732, 9.2052,
5.5868

 14.8251, 11.0325,
8.0897

■ 16.3912, 13.3263,
11.1962

■ 18.2907, 16.1156,
14.9420

■ 20.5413, 19.4272,
19.3600

■ 23.1596, 23.2856,
24.4811

Harmonies

Analogous

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



13.0640, 5.8095, 4.4949



11.2154, 5.8095, 0.7312



7.9454, 5.8095, 0.0000

Triad

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



11.2154, 5.8095, 0.7312



1.8180, 5.8095, 1.9679



6.2661, 5.8095, 38.8454

Complementary

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



11.2154, 5.8095, 0.7312



14.2148, 21.1656, 27.0096

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.



3.6491, 5.8095, 35.2972



11.2154, 5.8095, 0.7312



1.6422, 5.8095, 8.5960

Square

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



11.2154, 5.8095, 0.7312



2.7898, 5.8095, 0.0000



2.1798, 5.8095, 21.7286



9.6262, 5.8095, 29.2530

Rectangle

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



11.2154, 5.8095, 0.7312



5.7797, 5.8095, 0.0000



2.1798, 5.8095, 21.7286



5.2716, 5.8095, 39.2325

Sweetspot

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



11.2155, 5.8099, 0.7313



31.5202, 27.3400, 24.9044



14.8961, 7.1477, 26.1856



6.7586, 5.6930, 5.0077



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.2155, 5.8099, 0.7313



19.7073, 10.1553, 1.1091



13.0571, 9.5368, 1.2105



5.4162, 5.4270, 5.6896



10.0422, 5.1739, 0.6075



0.0973, 0.0500, 0.0123

Inverse Universe

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



11.2155, 5.8099, 0.7313



19.7073, 10.1553, 1.1091



7.7042, 7.5590, 26.6441



5.4162, 5.4270, 5.6896



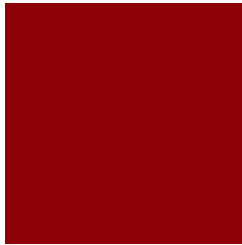
10.0422, 5.1739, 0.6075



0.0973, 0.0500, 0.0123

Previews

White Background



This preview shows how the XYZ color 11.2154, 5.8095, 0.7312 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 11.2154, 5.8095, 0.7312

Background



This preview shows how black text looks on a background with the XYZ color 11.2154, 5.8095, 0.7312.



This preview shows how white text looks on a background with the XYZ color 11.2154, 5.8095,

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

11.2154, 5.8095, 0.7312

Protanopia

5.7519, 6.3907, 1.5922

Deuteranopia

6.2836, 6.3079, 0.8864



Tritanopia

11.1284, 5.9506, 0.5620

Trichromacy



Original Color

11.2154, 5.8095, 0.7312

Protanomaly

6.6963, 4.9511, 1.0547

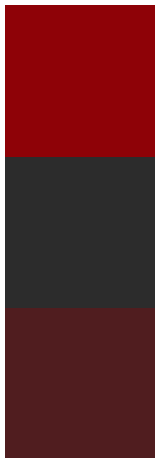
Deuteranomaly

7.2238, 5.0591, 0.6819

Tritanomaly

11.0986, 5.8647, 0.6332

Monochromacy



Original Color

11.2154, 5.8095, 0.7312

Achromatopsia

2.3940, 2.5187, 2.7428

Achromatomaly

3.9950, 2.6831, 1.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2154, 5.8095, 0.7312 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(142, 2, 7)` looks like.

```
.text, #text, p{  
    color:rgb(142, 2, 7)  
}
```

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(142, 2, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 2, 7) }
```

Border

The CSS property to change the border of an element to XYZ 11.2154, 5.8095, 0.7312 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(142, 2, 7) }
```


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

```
.border{ border-color:rgb(142, 2, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 2, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 2, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(142, 2, 7); box-shadow:4px  
4px 4px 4px rgb(142, 2, 7) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2154, 5.8095, 0.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 2, 7) }
```

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

```
.background{ background-color: rgb(142, 2,  
7) }
```

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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