

Converting Colors

XYZ(11.6011, 5.8947, 4.4244)

Have a look what the booklet for
XYZ(11.6011, 5.8947, 4.4244)
contains.

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Color

**XYZ(11.5537, 5.8709,
4.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0039
RGB	140, 0, 57
RGB Percent	55%, 0%, 22%
CMY	0.4510, 0.9999, 0.7765
CMYK	0.00, 1.00, 0.59, 0.45
HSL	336°, 100%, 27%
HSV	336°, 100%, 55%
XYZ	11.5537, 5.8709, 4.3951
YIQ	48.3580, 65.1430, 47.4070

Conversions

Conversions Part 2

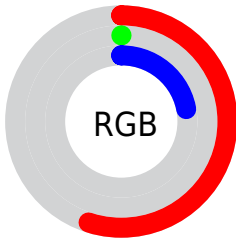
Format	Color
R_{YB}	140, 0, 57
Decimal	9175097
CIE Lab	29.08, 53.35, 9.13
CIE LCh	29, 54.129, 9.705
Yxy	5.8709, 0.5295, 0.2691
Android (android.graphics.Color)	4287365177 (0xFF8C0039)
YUV	48.3580, 4.2605, 80.3700
Hunter-Lab	24.2299, 42.7128, 6.2063

Details

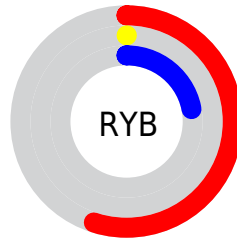
The XYZ color **11.5537, 5.8709, 4.3951** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **10.9404, 19.3810, 11.3521**, and the grayscale version is **2.8402, 2.9881, 3.2540**.

A 20% lighter version of the original color is **28.3051, 17.6481, 15.0113**, and **3.6465, 1.8707, 0.5844** is the 20% darker color. If you saturate the color by 10%, you get **11.5533, 5.8707, 4.3934**, and if you desaturate by 10%, it is **11.9353, 6.2752, 5.6290**.

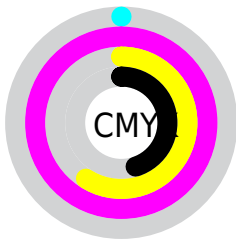
Distribution



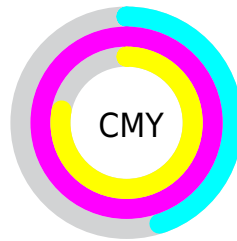
- Red (55%)
- Green (0%)
- Blue (22%)



- Red (55%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (45%)





- Cyan (45%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5537, 5.8709, 4.3951 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 11.5537, 5.8709, 4.3951 by changing the saturation by 10% instead.


 11.5537, 5.8709,
4.3951


 11.5537, 5.8709,
4.3951


195.2587,
157.9216, 152.5206


 6.5106, 2.7667,
1.8445


 28.3036, 17.6627,
14.9112


 3.2015, 1.0112,
0.4571

 40.7410, 27.1191,
23.7138


 1.2612, 0.0000,
0.0000

 56.3740, 39.4617,
35.4374

 0.1539, 0.0000,
0.0000


 75.5678, 55.0749,
50.5007


 0.0000, 0.0000,
0.0000


 98.6878, 74.3431,
69.3221


 126.0994, 97.6507,


92.3202


 158.1679,
125.3821, 119.9135


 11.5537, 5.8709,
4.3951

 11.5537, 5.8709,
4.3951


 11.5533, 5.8707,
4.3934

 11.9353, 6.2752,
5.6290

 12.4535, 6.8960,
7.0832

 13.1631, 7.8406,
8.7830

 14.0845, 9.1475,
10.7419

 15.2352, 10.8498,
12.9722

■ 16.6308, 12.9768,
15.4850

■ 18.2855, 15.5550,
18.2910

■ 20.2124, 18.6087,
21.4001

■ 22.4237, 22.1605,
24.8217

Harmonies

Analogous

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



11.1956, 5.8709, 12.2332



11.5537, 5.8709, 4.3951



9.9912, 5.8709, 1.0936

Triad

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



11.5537, 5.8709, 4.3951



3.0999, 5.8709, 0.5944



4.1140, 5.8709, 28.8792

Complementary

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



11.5537, 5.8709, 4.3951



10.9404, 19.3810, 11.3521

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.



2.7066, 5.8709, 19.2816



11.5537, 5.8709, 4.3951



2.2497, 5.8709, 2.7892

Square

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



11.5537, 5.8709, 4.3951



4.8304, 5.8709, 0.0000



2.1304, 5.8709, 8.9183



6.4037, 5.8709, 30.6578

Rectangle

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



11.5537, 5.8709, 4.3951



8.2783, 5.8709, 0.2383



2.1304, 5.8709, 8.9183



3.5429, 5.8709, 26.2455

Sweetspot

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



11.5538, 5.8713, 4.3952



32.0353, 27.1051, 31.9119



8.1853, 3.6732, 25.0883



7.1213, 5.8381, 6.9174



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.



11.5538, 5.8713, 4.3952



20.2936, 10.3201, 7.3476



10.9429, 5.8308, 0.5493



5.1118, 5.0801, 5.6769



10.2751, 5.2202, 3.9530



0.0752, 0.0375, 0.0629

Inverse Universe

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



11.5538, 5.8713, 4.3952



20.2936, 10.3201, 7.3476



12.4967, 17.4193, 27.5143



5.1118, 5.0801, 5.6769



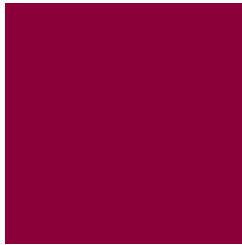
10.2751, 5.2202, 3.9530



0.0752, 0.0375, 0.0629

Previews

White Background



This preview shows how the XYZ color 11.5537, 5.8709, 4.3951 looks on a white background.

Color Contrast Check

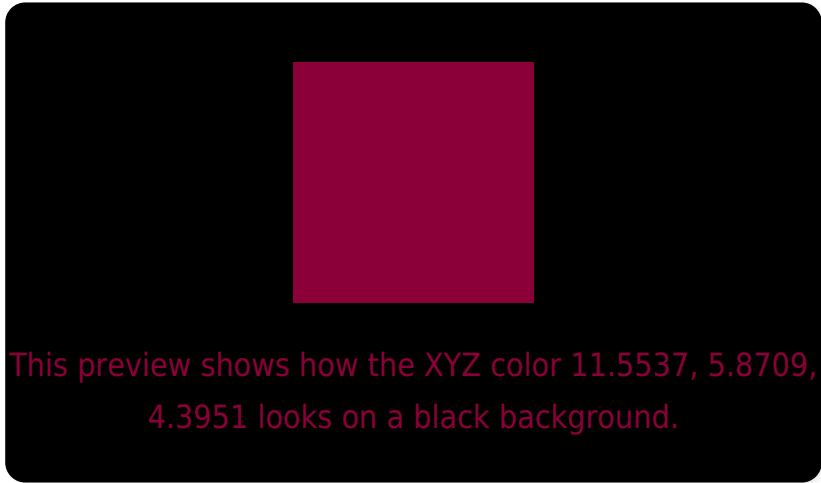
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5537, 5.8709, 4.3951

Background



This preview shows how black text looks on a background with the XYZ color 11.5537, 5.8709, 4.3951.



This preview shows how white text looks on a background with the XYZ color 11.5537, 5.8709,

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

11.5537, 5.8709, 4.3951

Protanopia

6.3404, 6.4331, 9.0912

Deuteranopia

6.5634, 6.4737, 4.0356



Tritanopia

11.0987, 6.1597, 1.3630

Trichromacy



Original Color

11.5537, 5.8709, 4.3951

Protanomaly

6.8937, 4.8041, 7.0425

Deuteranomaly

7.4871, 5.1226, 3.9623

Tritanomaly

11.1217, 5.9520, 2.1528

Monochromacy



Original Color

11.5537, 5.8709, 4.3951

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.4809, 2.9683, 3.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5537, 5.8709, 4.3951 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(140, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 57)  
}
```

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(140, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 57) }
```

Border

The CSS property to change the border of an element to XYZ 11.5537, 5.8709, 4.3951 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(140, 0, 57) }
```


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

```
.border{ border-color:rgb(140, 0, 57) }
```

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

Here you see how a box with a 4 pixel rgb(140, 0, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 57);  
box-shadow:4px 4px 4px 4px rgb(140, 0, 57)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5537, 5.8709, 4.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 57) }
```

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

```
.background{ background-color: rgb(140, 0,  
57) }
```

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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