

Converting Colors

XYZ(11.5529, 6.0447, 3.8531)

Have a look what the booklet for
XYZ(11.5529, 6.0447, 3.8531)
contains.

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Color

**XYZ(11.5436, 6.0405,
3.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0A34
RGB	140, 10, 52
RGB Percent	55%, 4%, 20%
CMY	0.4510, 0.9607, 0.7961
CMYK	0.00, 0.93, 0.63, 0.45
HSL	341°, 87%, 29%
HSV	341°, 93%, 55%
XYZ	11.5436, 6.0405, 3.8063
YIQ	53.6580, 63.9980, 40.6220

Conversions

Conversions Part 2

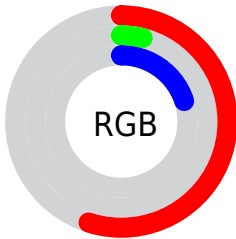
Format	Color
R_{YB}	140, 10, 52
Decimal	9177652
CIE Lab	29.51, 51.43, 13.08
CIE LCh	30, 53.066, 14.268
Yxy	6.0405, 0.5397, 0.2824
Android (android.graphics.Color)	4287367732 (0xFF8C0A34)
YUV	53.6580, -0.8174, 75.7219
Hunter-Lab	24.5774, 40.8279, 8.0220




Details

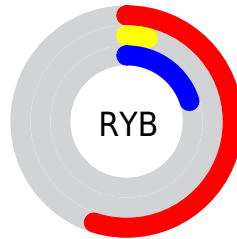
The XYZ color **11.5436, 6.0405, 3.8063** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.7090, 19.7029, 14.7461**, and the grayscale version is **3.4610, 3.6412, 3.9653**.




A 20% lighter version of the original color is **28.2739, 18.0561, 13.5503**, and **3.6056, 1.8543, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **11.2930, 5.7665, 3.0223**, and if you desaturate by 10%, it is **11.9975, 6.5716, 5.1188**.

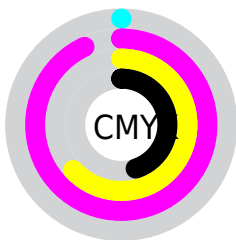
Distribution







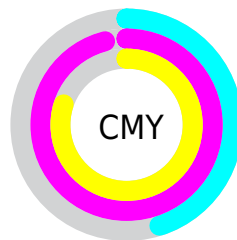
-  Red (55%)
-  Green (4%)
-  Blue (20%)






-  Red (55%)
-  Yellow (4%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (93%)
-  Yellow (63%)
-  Black (45%)




-  Cyan (45%)
-  Magenta (96%)
-  Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5436, 6.0405, 3.8063 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 11.5436, 6.0405, 3.8063 by changing the saturation by 10% instead.


 11.5436, 6.0405,
3.8063


 11.5436, 6.0405,
3.8063

195.1922,
159.4346, 146.0474


 6.5037, 2.8697,
1.5197


 28.2852, 18.0151,
13.5605


 3.1973, 1.0641,
0.2325

 40.7176, 27.5877,
21.8652


 1.2589, 0.0000,
0.0000

 56.3449, 40.0630,
33.0130

 0.1521, 0.0000,
0.0000

 75.5325, 55.8255,
47.4224

 0.0000, 0.0000,
0.0000

 98.6456, 75.2595,
65.5120

 126.0497, 98.7494,

87.7004

158.1101,
126.6796, 114.4060

11.5436, 6.0405,
3.8063

11.5436, 6.0405,
3.8063

11.2930, 5.7665,
3.0223

11.9975, 6.5716,
5.1188

12.6448, 7.4173,
6.7192

13.5081, 8.6188,
8.6256

14.6063, 10.2109,
10.8546

15.9562, 12.2240,
13.4213

■ 17.5730, 14.6857,
16.3398

■ 19.4706, 17.6210,
19.6233

■ 21.6620, 21.0533,
23.2843

■ 24.1594, 25.0042,
27.3348

Harmonies

Analogous

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



11.4946, 6.0405, 10.8988



11.5436, 6.0405, 3.8063



9.7654, 6.0405, 0.9681

Triad

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



11.5436, 6.0405, 3.8063



3.0647, 6.0405, 0.9010



4.5685, 6.0405, 29.5931

Complementary

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



11.5436, 6.0405, 3.8063



11.7090, 19.7029, 14.7461

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.



3.0096, 6.0405, 20.9782



11.5436, 6.0405, 3.8063



2.3231, 6.0405, 3.5821

Square

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



11.5436, 6.0405, 3.8063



4.6680, 6.0405, 0.0000



2.3063, 6.0405, 10.4439



6.9678, 6.0405, 29.8343

Rectangle

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



11.5436, 6.0405, 3.8063



8.0109, 6.0405, 0.2156



2.3063, 6.0405, 10.4439



3.9468, 6.0405, 27.4054

Sweetspot

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



11.5437, 6.0409, 3.8064



32.3430, 27.9880, 31.1899



9.7374, 4.6344, 25.1921



7.1672, 6.0094, 6.6878



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.



11.5437, 6.0409, 3.8064



19.8436, 10.1401, 4.9779



11.3781, 6.6134, 0.9646



5.0951, 5.0735, 5.5894



10.0427, 5.1272, 2.7292



0.0729, 0.0365, 0.0505

Inverse Universe

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



11.5437, 6.0409, 3.8064



19.8436, 10.1401, 4.9779



11.3771, 14.9943, 27.1054



5.0951, 5.0735, 5.5894



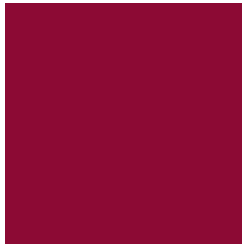
10.0427, 5.1272, 2.7292



0.0729, 0.0365, 0.0505

Previews

White Background



This preview shows how the XYZ color 11.5436, 6.0405, 3.8063 looks on a white background.

Color Contrast Check

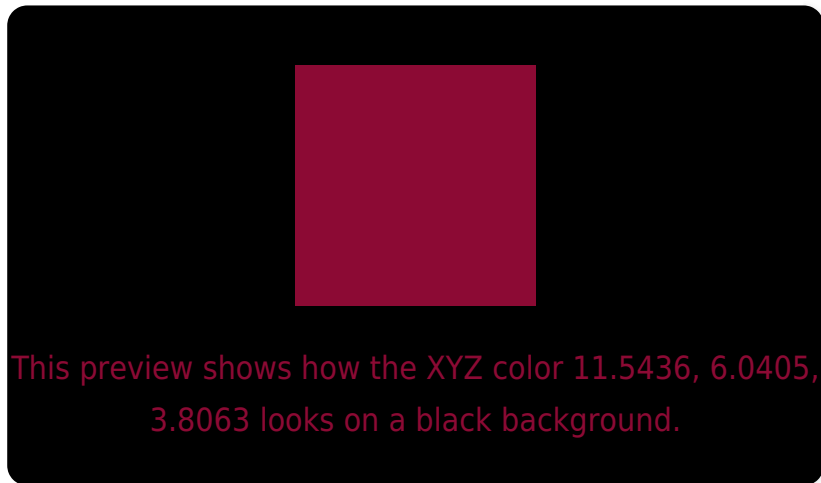
Large Text (above 18pt) WCAG AA ✓ Pass

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

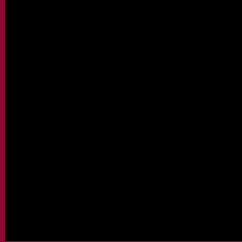
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5436, 6.0405, 3.8063

Background



This preview shows how black text looks on a background with the XYZ color 11.5436, 6.0405, 3.8063.



This preview shows how white text looks on a background with the XYZ color 11.5436, 6.0405,

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

11.5436, 6.0405, 3.8063

Protanopia

6.2944, 6.5342, 7.7670

Deuteranopia

6.5517, 6.4797, 3.4902



Tritanopia

11.0697, 6.1169, 1.3067

Trichromacy



Original Color

11.5436, 6.0405, 3.8063

Protanomaly

7.0412, 5.1433, 5.9318

Deuteranomaly

7.5343, 5.3915, 3.4399

Tritanomaly

11.1245, 6.0259, 1.9433

Monochromacy



Original Color

11.5436, 6.0405, 3.8063

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.0820, 3.5746, 3.7903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5436, 6.0405, 3.8063 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, 10, 52)` looks like.

```
.text, #text, p{  
    color:rgb(140, 10, 52)  
}
```

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, 10, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 10, 52) }
```

Border

The CSS property to change the border of an element to XYZ 11.5436, 6.0405, 3.8063 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, 10, 52) }
```


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

```
.border{ border-color:rgb(140, 10, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 10, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 10, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 10, 52);  
box-shadow:4px 4px 4px 4px rgb(140, 10,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5436, 6.0405, 3.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 10, 52) }
```

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

```
.background{ background-color: rgb(140, 10,  
52) }
```

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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