

Converting Colors

XYZ(11.4181, 5.8929, 5.6681)

Have a look what the booklet for
XYZ(11.4181, 5.8929, 5.6681)
contains.

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Color

**XYZ(11.3759, 5.8637,
5.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	890742
RGB	137, 7, 66
RGB Percent	54%, 3%, 26%
CMY	0.4627, 0.9725, 0.7412
CMYK	0.00, 0.95, 0.52, 0.46
HSL	333°, 90%, 28%
HSV	333°, 95%, 54%
XYZ	11.3759, 5.8637, 5.6865
YIQ	52.5960, 58.5410, 45.9090

Conversions

Conversions Part 2

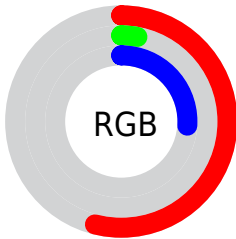
Format	Color
RYB	137, 7, 66
Decimal	8980290
CIELab	29.07, 52.16, 2.94
CIElCh	29, 52.240, 3.228
Yxy	5.8637, 0.4962, 0.2558
Android (android.graphics.Color)	4287170370 (0xFF890742)
YUV	52.5960, 6.6082, 74.0223
Hunter-Lab	24.2151, 41.4804, 3.0273

Details

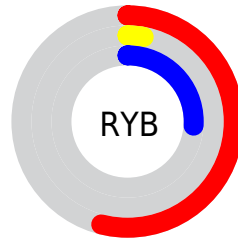
The XYZ color **11.3759, 5.8637, 5.6865** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **10.4093, 18.4869, 10.2307**, and the grayscale version is **3.3237, 3.4968, 3.8080**.

A 20% lighter version of the original color is **27.9255, 17.5821, 17.8414**, and **3.5582, 1.8153, 1.0270** is the 20% darker color. If you saturate the color by 10%, you get **11.1906, 5.6680, 5.0857**, and if you desaturate by 10%, it is **11.7982, 6.3318, 6.9881**.

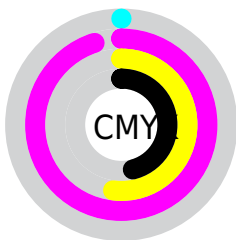
Distribution



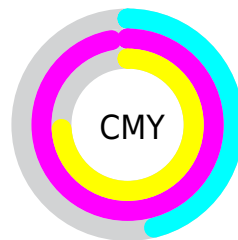
- Red (54%)
- Green (3%)
- Blue (26%)



- Red (54%)
- Yellow (3%)
- Blue (26%)



- Cyan (0%)
- Magenta (95%)
- Yellow (52%)
- Black (46%)





- Cyan (46%)
- Magenta (97%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3759, 5.8637, 5.6865 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 11.3759, 5.8637, 5.6865 by changing the saturation by 10% instead.


 11.3759, 5.8637,
5.6865


 11.3759, 5.8637,
5.6865


194.0841,
157.8569, 165.4474


 6.3894, 2.7624,
2.5897


 27.9800, 17.6477,
17.7429


 3.1262, 1.0090,
0.8871

 40.3284, 27.0991,
27.5397


 1.2208, 0.0000,
0.0000

 55.8614, 39.4360,
40.4068

 0.1227, 0.0000,
0.0000


 74.9445, 55.0429,
56.7629


 0.0000, 0.0000,
0.0000


 97.9429, 74.3040,
77.0265


 125.2221, 97.6038,


101.6160


 157.1474,
125.3266, 130.9502

 11.3759, 5.8637,
5.6865


 11.3759, 5.8637,
5.6865


 11.1906, 5.6680,
5.0857

 11.7982, 6.3318,
6.9881

 12.3845, 7.0800,
8.4919

 13.1584, 8.1540,
10.2109

 14.1375, 9.5871,
12.1556

 15.3370, 11.4087,
14.3357

■ 16.7708, 13.6449,
16.7599

■ 18.4514, 16.3196,
19.4367

■ 20.3906, 19.4549,
22.3740

■ 22.5993, 23.0714,
25.5794

Harmonies

Analogous

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



10.6288, 5.8637, 14.1191



11.3759, 5.8637, 5.6865



10.2441, 5.8637, 1.6085

Triad

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



11.3759, 5.8637, 5.6865



3.4546, 5.8637, 0.4485



3.7833, 5.8637, 26.1639

Complementary

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



11.3759, 5.8637, 5.6865



10.4093, 18.4869, 10.2307

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.



2.5947, 5.8637, 16.3602



11.3759, 5.8637, 5.6865



2.4455, 5.8637, 2.1633

Square

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



11.3759, 5.8637, 5.6865



5.3239, 5.8637, 0.0000



2.1815, 5.8637, 7.1376



5.8303, 5.8637, 29.8033

Rectangle

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



11.3759, 5.8637, 5.6865



8.7216, 5.8637, 0.5781



2.1815, 5.8637, 7.1376



3.2916, 5.8637, 23.2524

Sweetspot

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



11.3761, 5.8640, 5.6866



31.8644, 27.3394, 32.9608



7.5992, 3.5090, 23.9436



6.8948, 5.7311, 6.9898



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.3761, 5.8640, 5.6866



19.9602, 10.1183, 8.6853



10.4787, 5.5812, 0.7265



5.1211, 5.0839, 5.7260



10.4300, 5.2821, 4.7685



0.0765, 0.0380, 0.0698

Inverse Universe

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



11.3761, 5.8640, 5.6866



19.9602, 10.1183, 8.6853



12.9452, 18.5355, 26.5623



5.1211, 5.0839, 5.7260



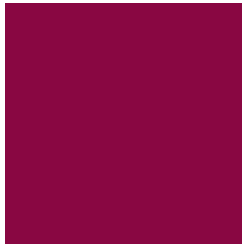
10.4300, 5.2821, 4.7685



0.0765, 0.0380, 0.0698

Previews

White Background



This preview shows how the XYZ color 11.3759, 5.8637, 5.6865 looks on a white background.

Color Contrast Check

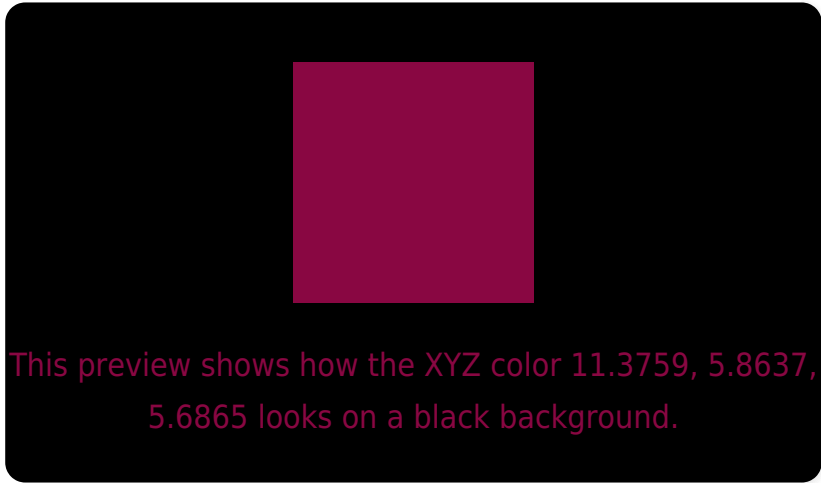
Large Text (above 18pt) WCAG AA ✓ Pass

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

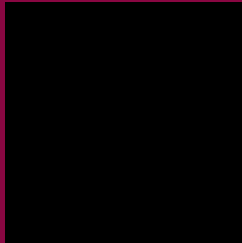
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3759, 5.8637, 5.6865

Background



This preview shows how black text looks on a background with the XYZ color 11.3759, 5.8637, 5.6865.



This preview shows how white text looks on a background with the XYZ color 11.3759, 5.8637,

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

11.3759, 5.8637, 5.6865

Protanopia

6.3701, 6.2965, 11.7061

Deuteranopia

6.4234, 6.3763, 5.1672



Tritanopia

10.5814, 6.0139, 1.6400

Trichromacy



Original Color

11.3759, 5.8637, 5.6865

Protanomaly

6.9311, 4.8973, 8.9675

Deuteranomaly

7.3260, 5.1266, 5.1608

Tritanomaly

10.8037, 5.8946, 2.6662

Monochromacy



Original Color

11.3759, 5.8637, 5.6865

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.0508, 3.4521, 4.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3759, 5.8637, 5.6865 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(137, 7, 66)` looks like.

```
.text, #text, p{  
    color:rgb(137, 7, 66)  
}
```

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(137, 7, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 7, 66) }
```

Border

The CSS property to change the border of an element to XYZ 11.3759, 5.8637, 5.6865 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(137, 7, 66) }
```


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

```
.border{ border-color:rgb(137, 7, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 7, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 7, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 7, 66);  
box-shadow:4px 4px 4px 4px rgb(137, 7, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3759, 5.8637, 5.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 7, 66) }
```

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

```
.background{ background-color: rgb(137, 7,  
66) }
```

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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