

Converting Colors

XYZ(11.3139, 5.8713, 6.8403)

Have a look what the booklet for
XYZ(11.3139, 5.8713, 6.8403)
contains.

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Color

**XYZ(11.3139, 5.8713,
6.8403)**

Conversions

Conversions Part 1

Format	Color
Hex	870B49
RGB	135, 11, 73
RGB Percent	53%, 4%, 29%
CMY	0.4706, 0.9568, 0.7137
CMYK	0.00, 0.92, 0.46, 0.47
HSL	330°, 85%, 29%
HSV	330°, 92%, 53%
XYZ	11.3139, 5.8713, 6.8403
YIQ	55.1440, 54.0020, 45.5700

Conversions

Conversions Part 2

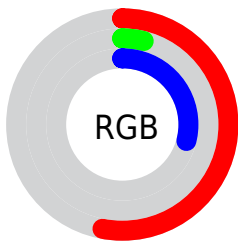
Format	Color
RYB	135, 11, 73
Decimal	8850249
CIELab	29.09, 51.62, -1.77
CIELCh	29, 51.655, 358.033
Yxy	5.8713, 0.4709, 0.2444
Android (android.graphics.Color)	4287040329 (0xFF870B49)
YUV	55.1440, 8.8030, 70.0337
Hunter-Lab	24.2308, 40.9419, 0.2241

Details

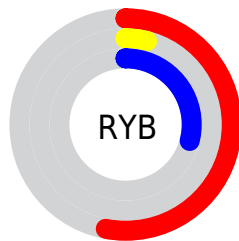
The XYZ color **11.3139, 5.8713, 6.8403** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.0053, 17.8803, 9.2302**, and the grayscale version is **3.6351, 3.8245, 4.1648**.

A 20% lighter version of the original color is **27.9596, 17.7501, 20.0416**, and **3.4588, 1.7560, 1.3849** is the 20% darker color. If you saturate the color by 10%, you get **11.0195, 5.5620, 5.8805**, and if you desaturate by 10%, it is **11.7678, 6.4012, 8.1566**.

Distribution



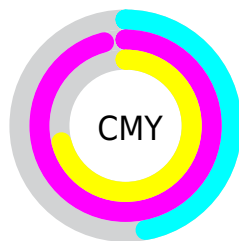
- Red (53%)
- Green (4%)
- Blue (29%)



- Red (53%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (92%)
- Yellow (46%)
- Black (47%)



- Cyan (47%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3139, 5.8713, 6.8403 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 11.3139, 5.8713, 6.8403 by changing the saturation by 10% instead.

11.3139, 5.8713,
6.8403

11.3139, 5.8713,
6.8403

193.6728,
157.9252, 175.9103

6.3472, 2.7670,
3.2855

27.8670, 17.6635,
20.1586

3.1000, 1.0113,
1.2422

40.1842, 27.1202,
30.7591

1.2069, 0.0000,
0.0137

55.6822, 39.4631,
44.5454

0.1118, 0.0000,
0.0000


74.7264, 55.0767,
61.9358


0.0000, 0.0000,
0.0000


97.6822, 74.3453,
83.3489


124.9150, 97.6533,


109.2034


 156.7901,
125.3851, 139.9177


 11.3139, 5.8713,
6.8403


 11.3139, 5.8713,
6.8403


 11.0195, 5.5620,
5.8805

 11.7678, 6.4012,
8.1566

 12.3853, 7.2182,
9.6510

 13.1851, 8.3588,
11.3332

 14.1833, 9.8536,
13.2119

 15.3938, 11.7298,
15.2951

■ 16.8294, 14.0118,
17.5899

■ 18.5017, 16.7220,
20.1035

■ 20.4217, 19.8811,
22.8422

■ 22.5994, 23.5085,
25.8124

Harmonies

Analogous

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



10.2709, 5.8713, 15.7922



11.3139, 5.8713, 6.8403



10.5020, 5.8713, 2.0791

Triad

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



11.3139, 5.8713, 6.8403



3.7395, 5.8713, 0.3183



3.5405, 5.8713, 24.4450

Complementary

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



11.3139, 5.8713, 6.8403



10.0053, 17.8803, 9.2302

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.



2.5021, 5.8713, 14.4479



11.3139, 5.8713, 6.8403



2.5926, 5.8713, 1.7410

Square

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



11.3139, 5.8713, 6.8403



5.7346, 5.8713, 0.0000



2.2100, 5.8713, 5.9653



5.4292, 5.8713, 29.4612

Rectangle

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



11.3139, 5.8713, 6.8403



9.1164, 5.8713, 0.8208



2.2100, 5.8713, 5.9653



3.1024, 5.8713, 21.3217

Sweetspot

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



11.3141, 5.8716, 6.8404



31.0532, 26.5661, 32.9030



7.2413, 3.4058, 23.1972



6.9415, 5.7498, 7.2359



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.



11.3141, 5.8716, 6.8404



19.6531, 9.9283, 10.1050



10.1720, 5.4148, 0.8262



4.7624, 4.7247, 5.3613



10.1682, 5.1316, 5.4581



0.0389, 0.0192, 0.0383

Inverse Universe

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



11.3141, 5.8716, 6.8404



19.6531, 9.9283, 10.1050



13.1753, 19.1483, 25.9230



4.7624, 4.7247, 5.3613



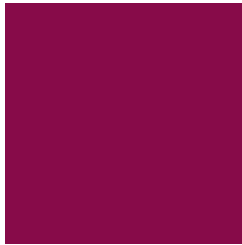
10.1682, 5.1316, 5.4581



0.0389, 0.0192, 0.0383

Previews

White Background



This preview shows how the XYZ color 11.3139, 5.8713, 6.8403 looks on a white background.

Color Contrast Check

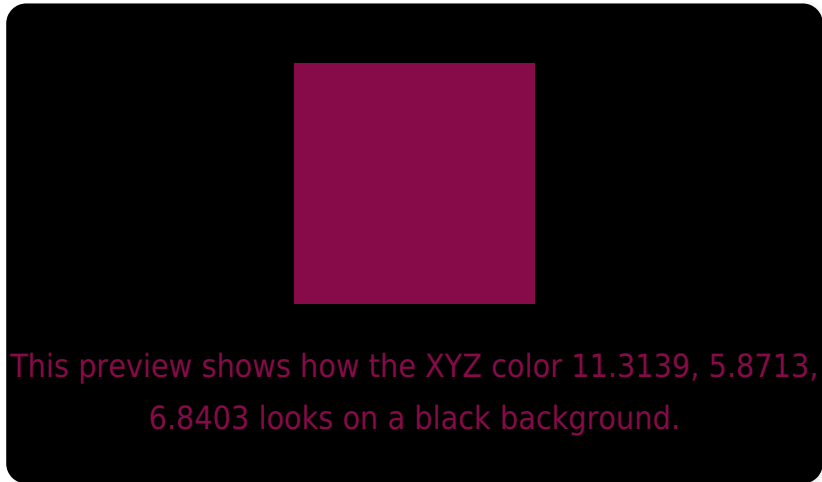
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3139, 5.8713, 6.8403

Background



This preview shows how black text looks on a background with the XYZ color 11.3139, 5.8713, 6.8403.



This preview shows how white text looks on a background with the XYZ color 11.3139, 5.8713,

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

11.3139, 5.8713, 6.8403

Protanopia

6.5523, 6.3405, 13.9752

Deuteranopia

6.3657, 6.3238, 6.1953



Tritanopia

10.3845, 6.0140, 1.9098

Trichromacy



Original Color

11.3139, 5.8713, 6.8403

Protanomaly

7.0046, 5.0132, 10.9544

Deuteranomaly

7.2767, 5.1962, 6.2497

Tritanomaly

10.6311, 5.8784, 3.1591

Monochromacy



Original Color

11.3139, 5.8713, 6.8403

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.2512, 3.6837, 4.9917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3139, 5.8713, 6.8403 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(135, 11, 73)` looks like.

```
.text, #text, p{  
    color:rgb(135, 11, 73)  
}
```

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(135, 11, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 11, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.3139, 5.8713, 6.8403 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(135, 11, 73) }
```


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

```
.border{ border-color:rgb(135, 11, 73) }
```

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

Here you see how a box with a 4 pixel rgb(135, 11, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 11, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 11, 73);  
box-shadow:4px 4px 4px 4px rgb(135, 11,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3139, 5.8713, 6.8403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 11, 73) }
```

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

```
.background{ background-color: rgb(135, 11,  
73) }
```

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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