

Converting Colors

XYZ(11.3256, 5.8853, 6.8717)

Have a look what the booklet for
XYZ(11.3256, 5.8853, 6.8717)
contains.

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Color

**XYZ(11.3257, 5.8949,
6.8442)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 870C49 |
| RGB | 135, 12, 73 |
| RGB Percent | 53%, 5%, 29% |
| CMY | 0.4706, 0.9529, 0.7137 |
| CMYK | 0.00, 0.91, 0.46, 0.47 |
| HSL | 330°, 84%, 29% |
| HSV | 330°, 91%, 53% |
| XYZ | 11.3257, 5.8949, 6.8442 |
| YIQ | 55.7310, 53.7270, 45.0470 |

Conversions

Conversions Part 2

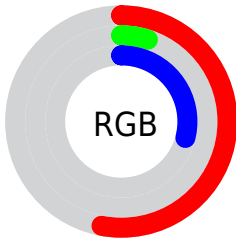
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 135, 12, 73 |
| Decimal | 8850505 |
| CIE Lab | 29.15, 51.45, -1.68 |
| CIE LCh | 29, 51.478, 358.125 |
| Yxy | 5.8949, 0.4706, 0.2450 |
| Android (android.graphics.Color) | 4287040585 (0xFF870C49) |
| YUV | 55.7310, 8.5136, 69.5189 |
| Hunter-Lab | 24.2794, 40.7765, 0.2821 |

Details

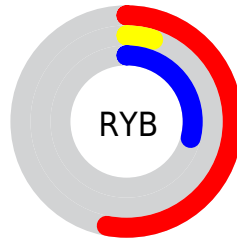
The XYZ color **11.3257, 5.8949, 6.8442** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.0523, 17.9007, 9.4068**, and the grayscale version is **3.7101, 3.9033, 4.2507**.

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 **11.0030, 5.5554, 5.7935**, and if you desaturate by 10%, it is **11.7912, 6.4447, 8.1743**.

Distribution



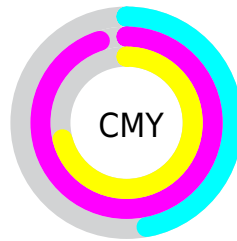
- Red (53%)
- Green (5%)
- Blue (29%)



- Red (53%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (91%)
- Yellow (46%)
- Black (47%)





- Cyan (47%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3257, 5.8949, 6.8442 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 11.3257, 5.8949, 6.8442 by changing the saturation by 10% instead.


 11.3257, 5.8949,
6.8442


 11.3257, 5.8949,
6.8442


193.7511,
158.1369, 175.9443


 6.3553, 2.7813,
3.2879


 27.8885, 17.7127,
20.1666


 3.1050, 1.0186,
1.2434

 40.2116, 27.1856,
30.7698

 1.2095, 0.0000,
0.0148

 55.7163, 39.5471,
44.5590

 0.1139, 0.0000,
0.0000

 74.7680, 55.1816,
61.9527

 0.0000, 0.0000,
0.0000

 97.7319, 74.4734,
83.3696

 124.9735, 97.8069,

109.2281

156.8581,
125.5666, 139.9468

11.3257, 5.8949,
6.8442

11.3257, 5.8949,
6.8442

11.0030, 5.5554,
5.7935

11.7912, 6.4447,
8.1743

12.4221, 7.2848,
9.6852

13.2371, 8.4509,
11.3866

14.2518, 9.9736,
13.2872

15.4803, 11.8798,
15.3950

■ 16.9352, 14.1936,
17.7173

■ 18.6282, 16.9373,
20.2611

■ 20.5699, 20.1317,
23.0331

■ 22.7706, 23.7959,
26.0393

Harmonies

Analogous

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



10.2908, 5.8949, 15.7651



11.3257, 5.8949, 6.8442



10.5105, 5.8949, 2.0925

Triad

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



11.3257, 5.8949, 6.8442



3.7573, 5.8949, 0.3392



3.5676, 5.8949, 24.4434

Complementary

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



11.3257, 5.8949, 6.8442



10.0523, 17.9007, 9.4068

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.



2.5252, 5.8949, 14.4877



11.3257, 5.8949, 6.8442



2.6116, 5.8949, 1.7690

Square

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



11.3257, 5.8949, 6.8442



5.7496, 5.8949, 0.0000



2.2302, 5.8949, 6.0109



5.4587, 5.8949, 29.4130

Rectangle

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



11.3257, 5.8949, 6.8442



9.1260, 5.8949, 0.8334



2.2302, 5.8949, 6.0109



3.1281, 5.8949, 21.3368

Sweetspot

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



11.3259, 5.8952, 6.8443



31.3379, 27.0456, 33.2746



7.2911, 3.4490, 23.2029



7.0610, 5.9467, 7.4058



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.



11.3259, 5.8952, 6.8443



19.6237, 9.9165, 9.9499



10.1897, 5.4408, 0.8615



4.7617, 4.7244, 5.3573



10.1530, 5.1255, 5.3778



0.0388, 0.0192, 0.0380

Inverse Universe

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



11.3259, 5.8952, 6.8443



19.6237, 9.9165, 9.9499



13.1889, 19.1553, 25.9237



4.7617, 4.7244, 5.3573



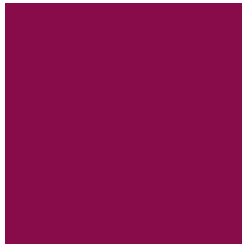
10.1530, 5.1255, 5.3778



0.0388, 0.0192, 0.0380

Previews

White Background



This preview shows how the XYZ color 11.3257, 5.8949, 6.8442 looks on a white background.

Color Contrast Check

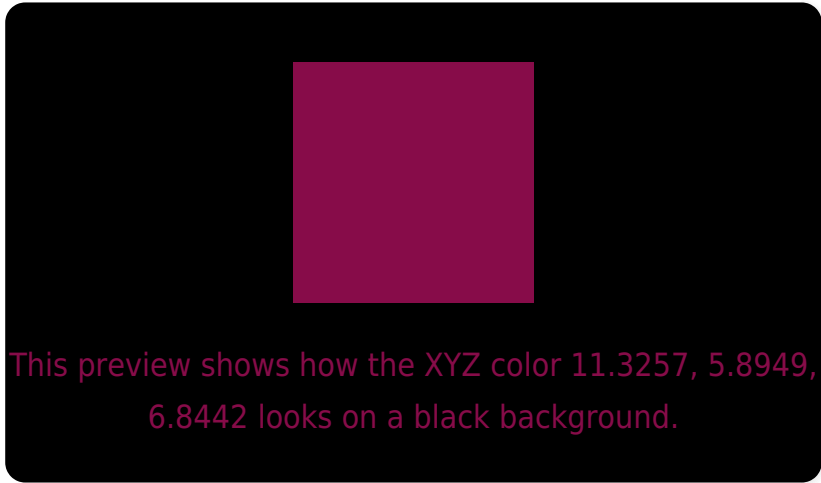
Large Text (above 18pt) WCAG AA ✓ Pass

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

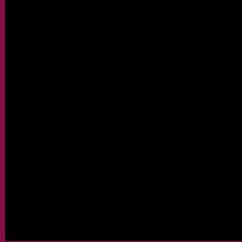
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3257, 5.8949, 6.8442

Background



This preview shows how black text looks on a background with the XYZ color 11.3257, 5.8949, 6.8442.



This preview shows how white text looks on a background with the XYZ color 11.3257, 5.8949,

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

11.3257, 5.8949, 6.8442

Protanopia

6.5523, 6.3405, 13.9752

Deuteranopia

6.3657, 6.3238, 6.1953



Tritanopia

10.4102, 6.0654, 1.9184

Trichromacy



Original Color

11.3257, 5.8949, 6.8442

Protanomaly

7.0046, 5.0132, 10.9544

Deuteranomaly

7.2767, 5.1962, 6.2497

Tritanomaly

10.6513, 5.9189, 3.1658

Monochromacy



Original Color

11.3257, 5.8949, 6.8442

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.3746, 3.7967, 5.0070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3257, 5.8949, 6.8442 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, 12, 73)` looks like.

```
.text, #text, p{  
    color:rgb(135, 12, 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, 12, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 12, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.3257, 5.8949, 6.8442 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, 12, 73) }
```


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

```
.border{ border-color:rgb(135, 12, 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, 12, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 12, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 12, 73);  
box-shadow:4px 4px 4px 4px rgb(135, 12,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3257, 5.8949, 6.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 12, 73) }
```

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

```
.background{ background-color: rgb(135, 12,  
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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