

Converting Colors

XYZ(9.3628, 1.4379, 5.7954)

Have a look what the booklet for
XYZ(9.3628, 1.4379, 5.7954)
contains.

XYZ(11.6186, 5.8582, 6.4796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.6186, 5.8582,
6.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0047
RGB	138, 0, 71
RGB Percent	54%, 0%, 28%
CMY	0.4588, 0.9999, 0.7216
CMYK	0.00, 1.00, 0.49, 0.46
HSL	329°, 100%, 27%
HSV	329°, 100%, 54%
XYZ	11.6186, 5.8582, 6.4796
YIQ	49.3560, 59.4570, 51.3370

Conversions

Conversions Part 2

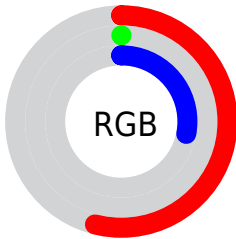
Format	Color
R_{YB}	138, 0, 71
Decimal	9044039
CIE Lab	29.05, 53.96, -0.41
CIE LCh	29, 53.959, 359.567
Yxy	5.8582, 0.4850, 0.2445
Android (android.graphics.Color)	4287234119 (0xFF8A0047)
YUV	49.3560, 10.6705, 77.7408
Hunter-Lab	24.2037, 43.3295, 1.0700

Details

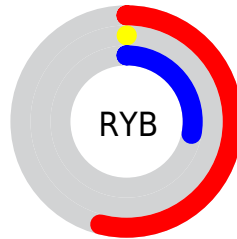
The XYZ color **11.6186, 5.8582, 6.4796** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.1023, 18.5825, 8.3669**, and the grayscale version is **2.9437, 3.0970, 3.3726**.

A 20% lighter version of the original color is **28.3480, 17.5741, 19.3508**, and **3.6893, 1.8777, 1.2666** is the 20% darker color. If you saturate the color by 10%, you get **11.6184, 5.8581, 6.4784**, and if you desaturate by 10%, it is **12.0003, 6.2582, 7.7271**.

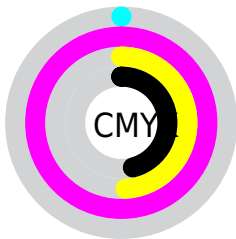
Distribution



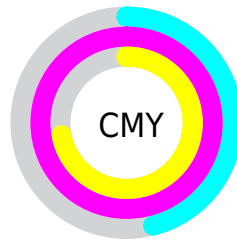
- Red (54%)
- Green (0%)
- Blue (28%)



- Red (54%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (46%)





- Cyan (46%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.6186, 5.8582, 6.4796 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 11.6186, 5.8582, 6.4796 by changing the saturation by 10% instead.


 11.6186, 5.8582,
6.4796


 11.6186, 5.8582,
6.4796


195.6856,
157.8075, 172.7302


 6.5549, 2.7590,
3.0654


 28.4215, 17.6362,
19.4131


 3.2292, 1.0073,
1.1281

 40.8913, 27.0839,
29.7695

 1.2761, 0.0000,
0.0000

 56.5606, 39.4164,
43.2769

 0.1652, 0.0000,
0.0000


 75.7946, 55.0184,
60.3541


 0.0000, 0.0000,
0.0000


 98.9588, 74.2741,
81.4195


 126.4184, 97.5679,


106.8916


 158.5389,
125.2843, 137.1889


 11.6186, 5.8582,
6.4796

 11.6186, 5.8582,
6.4796

 11.6184, 5.8581,
6.4784

 12.0003, 6.2582,
7.7271

 12.5035, 6.8621,
9.1357

 13.1814, 7.7751,
10.7267

 14.0530, 9.0343,
12.5097

 15.1347, 10.6711,
14.4933

■ 16.4409, 12.7137,
16.6855

■ 17.9849, 15.1875,
19.0936

■ 19.7786, 18.1156,
21.7245

■ 21.8335, 21.5196,
24.5848

Harmonies

Analogous

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



10.6055, 5.8582, 15.7592



11.6186, 5.8582, 6.4796



10.6595, 5.8582, 1.8108

Triad

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



11.6186, 5.8582, 6.4796



3.5774, 5.8582, 0.2207



3.5323, 5.8582, 26.0759

Complementary

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



11.6186, 5.8582, 6.4796



10.1023, 18.5825, 8.3669

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.



2.4280, 5.8582, 15.4432



11.6186, 5.8582, 6.4796



2.4482, 5.8582, 1.7366

Square

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



11.6186, 5.8582, 6.4796



5.6032, 5.8582, 0.0000



2.0968, 5.8582, 6.2786



5.5330, 5.8582, 31.0432

Rectangle

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



11.6186, 5.8582, 6.4796



9.1535, 5.8582, 0.6305



2.0968, 5.8582, 6.2786



3.0676, 5.8582, 22.7899

Sweetspot

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



11.6188, 5.8585, 6.4797



31.5107, 26.4622, 33.3671



6.8824, 3.0183, 24.2647



6.8372, 5.5641, 7.1303



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.



11.6188, 5.8585, 6.4797



20.3993, 10.2939, 10.9975



10.4941, 5.4087, 0.5573



5.1332, 5.0887, 5.7900



10.6598, 5.3740, 5.9787



0.0782, 0.0387, 0.0787

Inverse Universe

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



11.6188, 5.8585, 6.4797



20.3993, 10.2939, 10.9975



13.5114, 19.9462, 26.3190



5.1332, 5.0887, 5.7900



10.6598, 5.3740, 5.9787



0.0782, 0.0387, 0.0787

Previews

White Background



This preview shows how the XYZ color 11.6186, 5.8582, 6.4796 looks on a white background.

Color Contrast Check

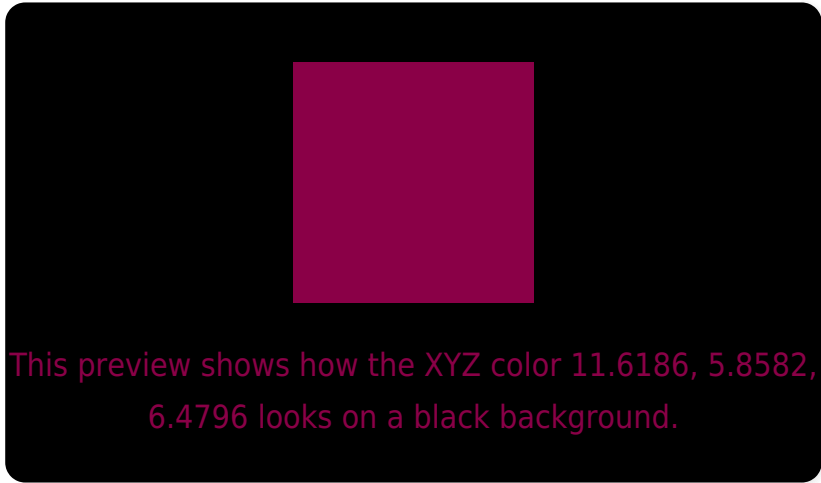
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6186, 5.8582, 6.4796

Background



This preview shows how black text looks on a background with the XYZ color 11.6186, 5.8582, 6.4796.



This preview shows how white text looks on a background with the XYZ color 11.6186, 5.8582,

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

11.6186, 5.8582, 6.4796

Protanopia

6.6381, 6.4899, 13.4732

Deuteranopia

6.4756, 6.3872, 5.8926



Tritanopia

10.7782, 6.1486, 1.7173

Trichromacy



Original Color

11.6186, 5.8582, 6.4796

Protanomaly

7.0432, 4.8058, 10.4539

Deuteranomaly

7.3933, 5.0314, 5.8917

Tritanomaly

10.9875, 5.9328, 2.9489

Monochromacy



Original Color

11.6186, 5.8582, 6.4796

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

4.6218, 3.0247, 4.2111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6186, 5.8582, 6.4796 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(138, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 71)  
}
```

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(138, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 71) }
```

Border

The CSS property to change the border of an element to XYZ 11.6186, 5.8582, 6.4796 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(138, 0, 71) }
```


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

```
.border{ border-color:rgb(138, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(138, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6186, 5.8582, 6.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 71) }
```

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

```
.background{ background-color: rgb(138, 0,  
71) }
```

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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