

Converting Colors

XYZ(11.4797, 5.7969, 6.0069)

Have a look what the booklet for
XYZ(11.4797, 5.7969, 6.0069)
contains.

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Color

**XYZ(11.5246, 5.8206,
5.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0044
RGB	138, 0, 68
RGB Percent	54%, 0%, 27%
CMY	0.4588, 0.9999, 0.7333
CMYK	0.00, 1.00, 0.51, 0.46
HSL	330°, 100%, 27%
HSV	330°, 100%, 54%
XYZ	11.5246, 5.8206, 5.9849
YIQ	49.0140, 60.4200, 50.4040

Conversions

Conversions Part 2

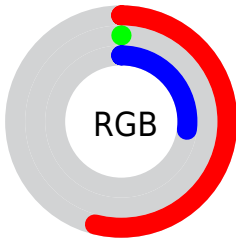
Format	Color
R_{YB}	138, 0, 68
Decimal	9044036
CIE _{Lab}	28.96, 53.70, 1.47
CIE _{LCh}	29, 53.723, 1.563
Yxy	5.8206, 0.4940, 0.2495
Android (android.graphics.Color)	4287234116 (0xFF8A0044)
YUV	49.0140, 9.3601, 78.0407
Hunter-Lab	24.1259, 43.0465, 2.1801

Details

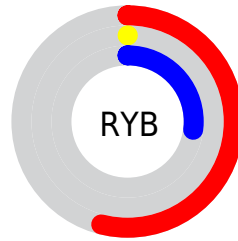
The XYZ color **11.5246, 5.8206, 5.9849** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **10.1946, 18.6194, 8.8535**, and the grayscale version is **2.9070, 3.0584, 3.3306**.

A 20% lighter version of the original color is **28.1706, 17.5032, 18.4167**, and **3.5798, 1.8239, 1.1407** is the 20% darker color. If you saturate the color by 10%, you get **11.5243, 5.8205, 5.9837**, and if you desaturate by 10%, it is **11.9058, 6.2204, 7.2299**.

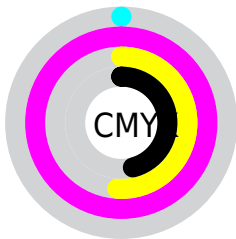
Distribution



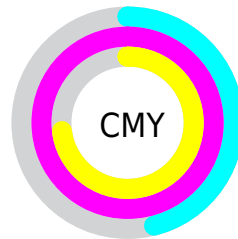
- Red (54%)
- Green (0%)
- Blue (27%)



- Red (54%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (46%)




- Cyan (46%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.5246, 5.8206, 5.9849 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 11.5246, 5.8206, 5.9849 by changing the saturation by 10% instead.


 11.5246, 5.8206,
5.9849


 11.5246, 5.8206,
5.9849


195.0670,
157.4692, 168.2377


 6.4907, 2.7363,
2.7673


 28.2507, 17.5578,
18.3767


 3.1892, 0.9957,
0.9771

 40.6736, 26.9794,
28.3879


 1.2546, 0.0000,
0.0000

 56.2903, 39.2823,
41.5007

 0.1488, 0.0000,
0.0000

 75.4660, 54.8508,
58.1337

 0.0000, 0.0000,
0.0000

 98.5662, 74.0694,
78.7053

 125.9562, 97.3224,

103.6342

158.0013,
124.9942, 133.3388

11.5246, 5.8206,
5.9849

11.5246, 5.8206,
5.9849

11.5243, 5.8205,
5.9837

11.9058, 6.2204,
7.2299

12.4104, 6.8249,
8.6462

13.0918, 7.7393,
10.2555

13.9691, 9.0007,
12.0681

15.0586, 10.6407,
14.0932

■ 16.3751, 12.6874,
16.3390

■ 17.9316, 15.1662,
18.8135

■ 19.7405, 18.1003,
21.5241

■ 21.8131, 21.5115,
24.4776

Harmonies

Analogous

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



10.6452, 5.8206, 14.9120



11.5246, 5.8206, 5.9849



10.4522, 5.8206, 1.6396

Triad

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



11.5246, 5.8206, 5.9849



3.4564, 5.8206, 0.2900



3.6177, 5.8206, 26.4236

Complementary

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



11.5246, 5.8206, 5.9849



10.1946, 18.6194, 8.8535

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.



2.4648, 5.8206, 16.0409



11.5246, 5.8206, 5.9849



2.3923, 5.8206, 1.9057

Square

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



11.5246, 5.8206, 5.9849



5.4077, 5.8206, 0.0000



2.0896, 5.8206, 6.7040



5.6588, 5.8206, 30.7462

Rectangle

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



11.5246, 5.8206, 5.9849



8.9141, 5.8206, 0.5483



2.0896, 5.8206, 6.7040



3.1365, 5.8206, 23.2785

Sweetspot

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



11.5248, 5.8209, 5.9850



31.4154, 26.4240, 32.8651



7.0424, 3.1008, 24.2720



6.8139, 5.5548, 7.0078



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.



11.5248, 5.8209, 5.9850



20.2343, 10.2279, 10.1286



10.4814, 5.4036, 0.4910



5.1289, 5.0870, 5.7670



10.5736, 5.3396, 5.5249



0.0776, 0.0384, 0.0755

Inverse Universe

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



11.5248, 5.8209, 5.9850



20.2343, 10.2279, 10.1286



13.6761, 20.0120, 27.1866



5.1289, 5.0870, 5.7670



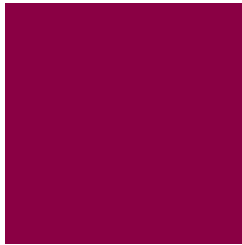
10.5736, 5.3396, 5.5249



0.0776, 0.0384, 0.0755

Previews

White Background



This preview shows how the XYZ color 11.5246, 5.8206, 5.9849 looks on a white background.

Color Contrast Check

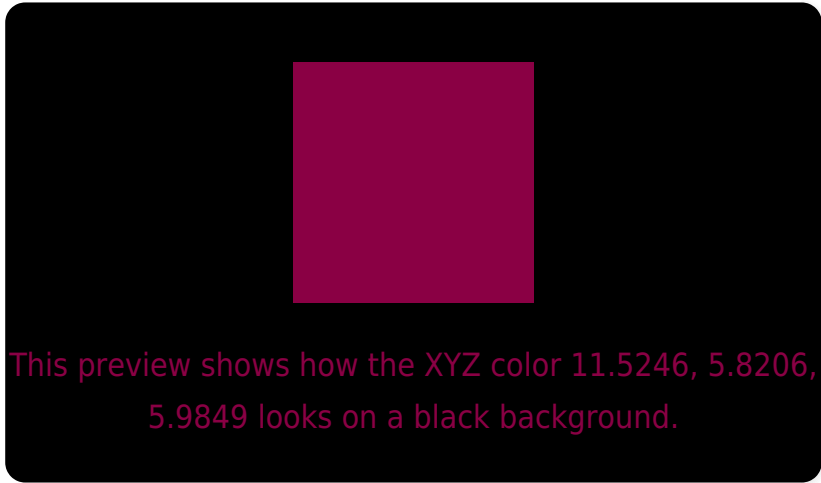
Large Text (above 18pt) WCAG AA ✓ Pass

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

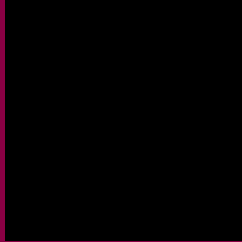
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5246, 5.8206, 5.9849

Background



This preview shows how black text looks on a background with the XYZ color 11.5246, 5.8206, 5.9849.



This preview shows how white text looks on a background with the XYZ color 11.5246, 5.8206,

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

11.5246, 5.8206, 5.9849

Protanopia

6.5722, 6.4783, 12.4593

Deuteranopia

6.4773, 6.3979, 5.4510



Tritanopia

10.7431, 6.0972, 1.6476

Trichromacy



Original Color

11.5246, 5.8206, 5.9849

Protanomaly

6.9731, 4.7890, 9.5737

Deuteranomaly

7.3056, 4.9963, 5.4298

Tritanomaly

10.9349, 5.8864, 2.7503

Monochromacy



Original Color

11.5246, 5.8206, 5.9849

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

4.5971, 3.0148, 4.0810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5246, 5.8206, 5.9849 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, 68)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 68)  
}
```

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, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 68) }
```

Border

The CSS property to change the border of an element to XYZ 11.5246, 5.8206, 5.9849 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, 68) }
```


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

```
.border{ border-color:rgb(138, 0, 68) }
```

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, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 68);  
box-shadow:4px 4px 4px 4px rgb(138, 0, 68)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5246, 5.8206, 5.9849 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, 68) }
```

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

```
.background{ background-color: rgb(138, 0,  
68) }
```

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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