

Converting Colors

XYZ(11.6398, 5.8129, 9.0206)

Have a look what the booklet for
XYZ(11.6398, 5.8129, 9.0206)
contains.

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Color

**XYZ(11.6314, 5.8068,
9.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	870055
RGB	135, 0, 85
RGB Percent	53%, 0%, 33%
CMY	0.4706, 0.9999, 0.6667
CMYK	0.00, 1.00, 0.37, 0.47
HSL	322°, 100%, 26%
HSV	322°, 100%, 53%
XYZ	11.6314, 5.8068, 9.1021
YIQ	50.0550, 53.1750, 55.0550

Conversions

Conversions Part 2

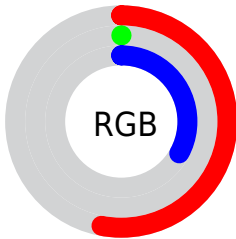
Format	Color
R_{YB}	135, 0, 85
Decimal	8847445
CIE Lab	28.92, 54.62, -10.00
CIE LCh	29, 55.527, 349.623
Yxy	5.8068, 0.4383, 0.2188
Android (android.graphics.Color)	4287037525 (0xFF870055)
YUV	50.0550, 17.2279, 74.4968
Hunter-Lab	24.0973, 43.9889, -5.5271

Details

The XYZ color **11.6314, 5.8068, 9.1021** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **9.2403, 17.5585, 5.9215**, and the grayscale version is **3.0157, 3.1728, 3.4552**.

A 20% lighter version of the original color is **28.3646, 17.4622, 24.7972**, and **3.6913, 1.8587, 2.1717** is the 20% darker color. If you saturate the color by 10%, you get **11.6312, 5.8067, 9.1009**, and if you desaturate by 10%, it is **11.9878, 6.1903, 10.2360**.

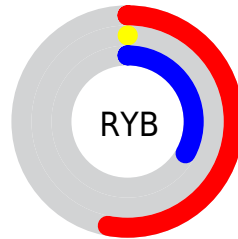
Distribution



Red (53%)

Green (0%)

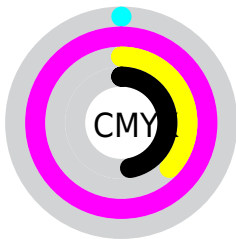
Blue (33%)



Red (53%)

Yellow (0%)

Blue (33%)

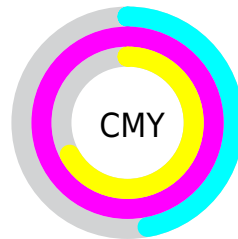


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6314, 5.8068, 9.1021 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 11.6314, 5.8068, 9.1021 by changing the saturation by 10% instead.

■ 11.6314, 5.8068,
9.1021

■ 11.6314, 5.8068,
9.1021

195.7697,
157.3447, 194.3838

■ 6.5636, 2.7280,
4.7101

■ 28.4447, 17.5289,
24.6732

■ 3.2346, 0.9914,
2.0225

■ 40.9209, 26.9410,
36.6894

■ 1.2790, 0.0000,
0.5690

■ 56.5973, 39.2330,
52.0841

■ 0.1674, 0.0000,
0.0000


■ 75.8393, 54.7892,
71.2758


■ 0.0000, 0.0000,
0.0000

■ 99.0122, 73.9941,
94.6831


■ 126.4813, 97.2321,

122.7245


 158.6120,
124.8875, 155.8185

 11.6314, 5.8068,
9.1021


 11.6314, 5.8068,
9.1021


 11.6312, 5.8067,
9.1009

 11.9878, 6.1903,
10.2360

 12.4496, 6.7617,
11.4758

 13.0683, 7.6236,
12.8398

 13.8615, 8.8107,
14.3353

 14.8443, 10.3527,
15.9686

■ 16.0300, 12.2760,
17.7454

■ 17.4308, 14.6045,
19.6709

■ 19.0579, 17.3601,
21.7500

■ 20.9215, 20.5632,
23.9874

Harmonies

Analogous

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



9.9843, 5.8068, 19.8575



11.6314, 5.8068, 9.1021



11.3088, 5.8068, 2.7670

Triad

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



11.6314, 5.8068, 9.1021



4.0732, 5.8068, 0.0000



2.9792, 5.8068, 23.3707

Complementary

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



11.6314, 5.8068, 9.1021



9.2403, 17.5585, 5.9215

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.



2.1459, 5.8068, 12.0775



11.6314, 5.8068, 9.1021



2.6346, 5.8068, 0.9712

Square

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



11.6314, 5.8068, 9.1021



6.4194, 5.8068, 0.0000



2.0421, 5.8068, 4.1758



4.7073, 5.8068, 31.3505

Rectangle

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



11.6314, 5.8068, 9.1021



10.0441, 5.8068, 1.0110



2.0421, 5.8068, 4.1758



2.6101, 5.8068, 19.5649

Sweetspot

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



11.6316, 5.8071, 9.1022



31.0311, 25.8450, 34.9824



5.6647, 2.4153, 23.0894



6.9648, 5.6151, 7.8026



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.



11.6316, 5.8071, 9.1022



20.7501, 10.3670, 15.8817



10.1012, 5.1950, 1.0432



4.7866, 4.7343, 5.4888



10.7319, 5.3571, 8.4267



0.0407, 0.0200, 0.0478

Inverse Universe

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



11.6316, 5.8071, 9.1022



20.7501, 10.3670, 15.8817



11.8752, 18.6125, 19.7970



4.7866, 4.7343, 5.4888



10.7319, 5.3571, 8.4267



0.0407, 0.0200, 0.0478

Previews

White Background



This preview shows how the XYZ color 11.6314, 5.8068, 9.1021 looks on a white background.

Color Contrast Check

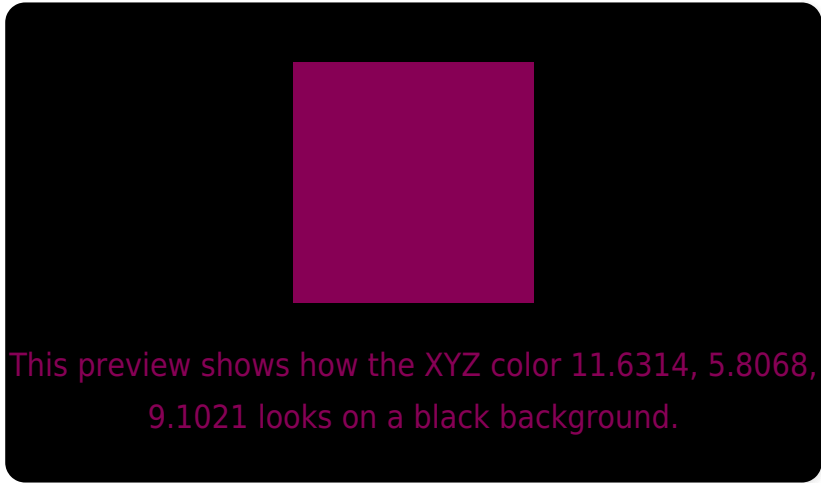
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6314, 5.8068, 9.1021

Background



This preview shows how black text looks on a background with the XYZ color 11.6314, 5.8068, 9.1021.



This preview shows how white text looks on a background with the XYZ color 11.6314, 5.8068, 9.1021.

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

11.6314, 5.8068, 9.1021

Protanopia

7.0184, 6.4636, 19.2900

Deuteranopia

6.5031, 6.4407, 8.2976



Tritanopia

10.3911, 6.1709, 2.2335

Trichromacy



Original Color

11.6314, 5.8068, 9.1021

Protanomaly

7.0920, 4.7302, 15.0072

Deuteranomaly

7.3534, 5.0122, 8.3645

Tritanomaly

10.6024, 5.8174, 3.9322

Monochromacy



Original Color

11.6314, 5.8068, 9.1021

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

4.8071, 3.1412, 5.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6314, 5.8068, 9.1021 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, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(135, 0, 85)  
}
```

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, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 0, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.6314, 5.8068, 9.1021 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, 0, 85) }
```


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

```
.border{ border-color:rgb(135, 0, 85) }
```

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

Here you see how a box with a 4 pixel rgb(135, 0, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 0, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 0, 85);  
box-shadow:4px 4px 4px 4px rgb(135, 0, 85)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6314, 5.8068, 9.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 0, 85) }
```

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

```
.background{ background-color: rgb(135, 0,  
85) }
```

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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