

Converting Colors

XYZ(11.2979, 5.6366, 9.0094)

Have a look what the booklet for
XYZ(11.2979, 5.6366, 9.0094)
contains.

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Color

**XYZ(11.3126, 5.6424,
9.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	850055
RGB	133, 0, 85
RGB Percent	52%, 0%, 33%
CMY	0.4784, 1.0000, 0.6667
CMYK	0.00, 1.00, 0.36, 0.48
HSL	322°, 100%, 26%
HSV	322°, 100%, 52%
XYZ	11.3126, 5.6424, 9.0872
YIQ	49.4570, 51.9830, 54.6310

Conversions

Conversions Part 2

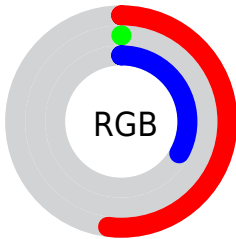
Format	Color
R_YB	133, 0, 85
Decimal	8716373
CIE _{Lab}	28.49, 54.17, -10.69
CIE _{LCh}	28, 55.219, 348.836
Yxy	5.6424, 0.4344, 0.2167
Android (android.graphics.Color)	4286906453 (0xFF850055)
YUV	49.4570, 17.5227, 73.2672
Hunter-Lab	23.7537, 43.4407, -6.0543

Details

The XYZ color **11.3126, 5.6424, 9.0872** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **8.9215, 16.9888, 5.6065**, and the grayscale version is **2.9480, 3.1015, 3.3775**.

A 20% lighter version of the original color is **27.8616, 17.2029, 24.7737**, and **3.5249, 1.7729, 2.1639** is the 20% darker color. If you saturate the color by 10%, you get **11.3125, 5.6424, 9.0864**, and if you desaturate by 10%, it is **11.6579, 6.0173, 10.1755**.

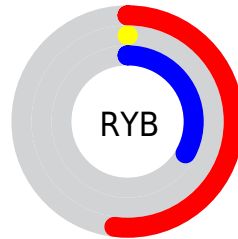
Distribution



Red (52%)

Green (0%)

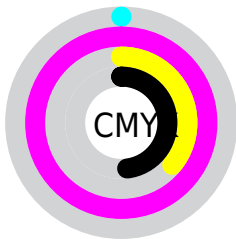
Blue (33%)



Red (52%)

Yellow (0%)

Blue (33%)

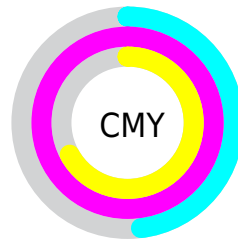


Cyan (0%)

Magenta (100%)

Yellow (36%)

Black (48%)



Cyan (48%)


Magenta (100%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3126, 5.6424, 9.0872 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 11.3126, 5.6424, 9.0872 by changing the saturation by 10% instead.


 11.3126, 5.6424,
9.0872


 11.3126, 5.6424,
9.0872


193.6641,
155.8521, 194.2690


 6.3463, 2.6289,
4.7005


 27.8646, 17.1845,
24.6442


 3.0995, 0.9412,
2.0170

 40.1811, 26.4820,
36.6517

 1.2066, 0.0000,
0.5657

 55.6784, 38.6428,
52.0364

 0.1115, 0.0000,
0.0000


 74.7218, 54.0515,
71.2170


 0.0000, 0.0000,
0.0000


 97.6768, 73.0923,
94.6121


 124.9086, 96.1498,

122.6401


 156.7826,
123.6083, 155.7195


 11.3126, 5.6424,
9.0872

 11.3126, 5.6424,
9.0872


 11.3125, 5.6424,
9.0864

 11.6579, 6.0173,
10.1755

 12.1035, 6.5718,
11.3622

 12.7001, 7.4068,
12.6656

 13.4647, 8.5557,
14.0923

 14.4116, 10.0473,
15.6484

■ 15.5539, 11.9068,
17.3393

■ 16.9031, 14.1574,
19.1699

■ 18.4700, 16.8200,
21.1448

■ 20.2646, 19.9143,
23.2684

Harmonies

Analogous

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



9.6610, 5.6424, 19.6678



11.3126, 5.6424, 9.0872



11.0508, 5.6424, 2.7786

Triad

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



11.3126, 5.6424, 9.0872



4.0020, 5.6424, 0.0000



2.8551, 5.6424, 22.5219

Complementary

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



11.3126, 5.6424, 9.0872



8.9215, 16.9888, 5.6065

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.



2.0648, 5.6424, 11.4996



11.3126, 5.6424, 9.0872



2.5768, 5.6424, 0.8933

Square

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



11.3126, 5.6424, 9.0872



6.3109, 5.6424, 0.0000



1.9810, 5.6424, 3.9161



4.5150, 5.6424, 30.5161

Rectangle

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



11.3126, 5.6424, 9.0872



9.8413, 5.6424, 1.0143



1.9810, 5.6424, 3.9161



2.5032, 5.6424, 18.7840

Sweetspot

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



11.3128, 5.6427, 9.0873



30.0907, 25.0511, 34.0945



5.3858, 2.2876, 22.3482



6.5769, 5.3048, 7.4121



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.3128, 5.6427, 9.0873



20.1812, 10.0735, 15.8660



9.7990, 5.0372, 1.1158



4.7884, 4.7351, 5.4982



10.7792, 5.3760, 8.6756



0.0408, 0.0200, 0.0485

Inverse Universe

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



11.3128, 5.6427, 9.0873



20.1812, 10.0735, 15.8660



11.3713, 17.9687, 18.5072



4.7884, 4.7351, 5.4982



10.7792, 5.3760, 8.6756



0.0408, 0.0200, 0.0485

Previews

White Background



This preview shows how the XYZ color 11.3126, 5.6424, 9.0872 looks on a white background.

Color Contrast Check

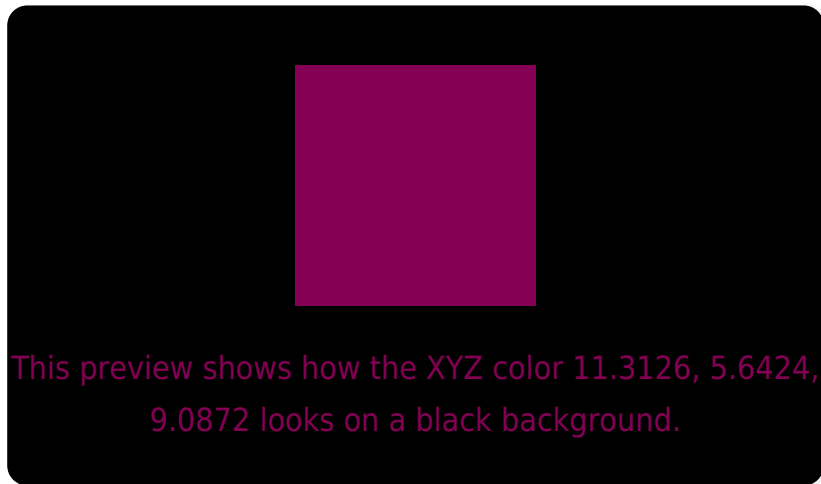
Large Text (above 18pt) WCAG AA ✓ Pass

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

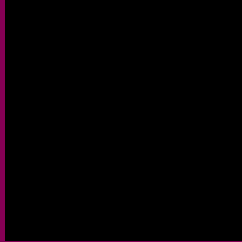
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3126, 5.6424, 9.0872

Background



This preview shows how black text looks on a background with the XYZ color 11.3126, 5.6424, 9.0872.



This preview shows how white text looks on a background with the XYZ color 11.3126, 5.6424,

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

11.3126, 5.6424, 9.0872

Protanopia

6.8599, 6.2898, 19.2648

Deuteranopia

6.3634, 6.2766, 8.2733



Tritanopia

10.0813, 6.0112, 2.2190

Trichromacy



Original Color

11.3126, 5.6424, 9.0872

Protanomaly

6.8854, 4.5678, 14.9868

Deuteranomaly

7.1052, 4.8283, 8.3421

Tritanomaly

10.2896, 5.6562, 3.9176

Monochromacy



Original Color

11.3126, 5.6424, 9.0872

Achromatopsia

2.9193, 3.0713, 3.3447

Achromatomaly

4.6678, 3.0332, 4.8969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3126, 5.6424, 9.0872 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(133, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 85) }
```

Border

The CSS property to change the border of an element to XYZ 11.3126, 5.6424, 9.0872 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(133, 0, 85) }
```


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

```
.border{ border-color:rgb(133, 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(133, 0, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 85);  
box-shadow:4px 4px 4px 4px rgb(133, 0, 85)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3126, 5.6424, 9.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 85) }
```

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

```
.background{ background-color: rgb(133, 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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