

Converting Colors

$Yxy(46.6114, 0.2559, 0.2364)$

Have a look what the booklet for
Yxy(46.6114, 0.2559, 0.2364)
contains.

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Color

Yxy(46.6999, 0.2558, 0.2367)

Conversions

Conversions Part 1

Format	Color
Hex	ADAFFE
RGB	173, 175, 254
RGB Percent	68%, 69%, 100%
CMY	0.3212, 0.3138, 0.0039
CMYK	0.32, 0.31, 0.00, 0.00
HSL	239°, 98%, 84%
HSV	239°, 32%, 100%
XYZ	50.4682, 46.6999, 100.1276
YIQ	183.4080, -26.5510, 24.1450

Conversions

Conversions Part 2

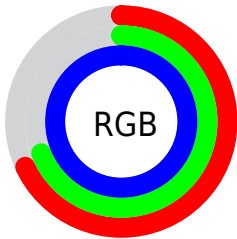
Format	Color
R _Y B	173, 175, 254
Decimal	11382782
CIE Lab	74.00, 16.96, -39.32
CIE LCh	74, 42.824, 293.336
Yxy	46.6999, 0.2558, 0.2367
Android (android.graphics.Color)	4289572862 (0xFFADAF _{FE})
YUV	183.4080, 34.8019, -9.1278
Hunter-Lab	68.3373, 12.2349, -39.0354

Details

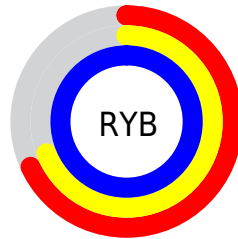
The Yxy color **46.6999, 0.2558, 0.2367** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.7917, 0.3615, 0.4071**, and the grayscale version is **47.4133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6366, 0.2973, 0.3036**, and **22.0487, 0.2404, 0.2152** is the 20% darker color. If you saturate the color by 10%, you get **35.2896, 0.2346, 0.2020**, and if you desaturate by 10%, it is **60.4382, 0.2758, 0.2692**.

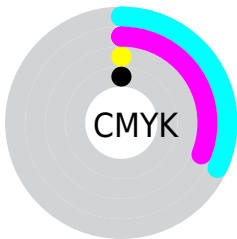
Distribution



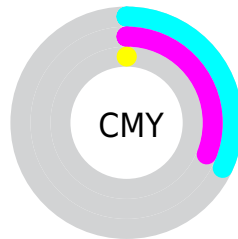
- Red (68%)
- Green (69%)
- Blue (100%)



- Red (68%)
- Yellow (69%)
- Blue (100%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6999, 0.2558, 0.2367 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 Yxy color 46.6999, 0.2558, 0.2367 by changing the saturation by 10% instead.

■ 46.6999, 0.2558,
0.2367

■ 46.6999, 0.2558,
0.2367

■ 373.6154, 0.2840,
0.2800

■ 32.7985, 0.2490,
0.2268

■ 85.2655, 0.2659,
0.2517

■ 21.9721, 0.2405,
0.2147

■ 110.6985, 0.2697,
0.2576

■ 13.8364, 0.2294,
0.1995

■ 140.7441, 0.2730,
0.2626

■ 8.0070, 0.2148,
0.1800

■ 175.7867, 0.2758,
0.2670

■ 4.0994, 0.1945,
0.1544

■ 216.2107, 0.2782,
0.2709

■ 1.7293, 0.1655,
0.1203


■ 262.4006, 0.2804,


■ 0.4425, 0.1237,


0.2743


0.0656


314.7407, 0.2823,
0.2773


 0.0000, 0.0000,
0.0000


 46.6999, 0.2558,
0.2367


 46.6999, 0.2558,
0.2367


 35.2896, 0.2346,
0.2020


 60.4382, 0.2758,
0.2692

 26.0733, 0.2131,
0.1666


 76.6176, 0.2939,
0.2986

 18.9118, 0.1927,
0.1329

 95.3507, 0.3100,
0.3246

 13.6478, 0.1750,
0.1034

 99.9364, 0.3133,
0.3299

 10.1010, 0.1617,
0.0808

■ 8.0567, 0.1535,
0.0666

■ 7.2850, 0.1503,
0.0610

Harmonies

Analogous

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



46.6999, 0.2195, 0.2400



46.6999, 0.2558, 0.2367



46.6999, 0.3106, 0.2534

Triad

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



46.6999, 0.2558, 0.2367



46.6999, 0.4319, 0.3752



46.6999, 0.2524, 0.3762

Complementary

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



46.6999, 0.2558, 0.2367



93.7917, 0.3615, 0.4071

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.



46.6999, 0.3057, 0.4248



46.6999, 0.2558, 0.2367



46.6999, 0.4108, 0.4160

Square

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



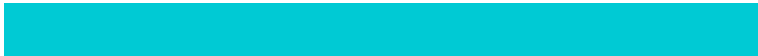
46.6999, 0.2558, 0.2367



46.6999, 0.4178, 0.3290



46.6999, 0.3639, 0.4378



46.6999, 0.2172, 0.3148

Rectangle

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



46.6999, 0.2558, 0.2367



46.6999, 0.3517, 0.2737



46.6999, 0.3639, 0.4378



46.6999, 0.2687, 0.3953

Sweetspot

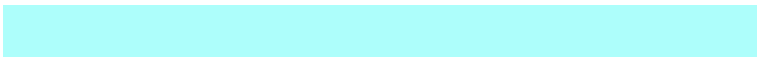
The Sweet Spot groups the original color and five complimentary colors.



46.7017, 0.2558, 0.2367



80.6067, 0.2970, 0.3036



86.7693, 0.2683, 0.3318



16.7148, 0.2946, 0.2998



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.7017, 0.2558, 0.2367



39.7656, 0.2428, 0.2155



50.9051, 0.2828, 0.2412



17.4455, 0.2978, 0.3050



3.8694, 0.1504, 0.0614



0.3996, 0.1513, 0.0647

Inverse Universe

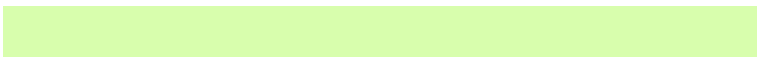
The Inverse Universe completely reimagines the original color for something new.



54.0886, 0.3846, 0.3272



48.2985, 0.4051, 0.3269



88.5473, 0.3354, 0.4160



17.9939, 0.3291, 0.3285



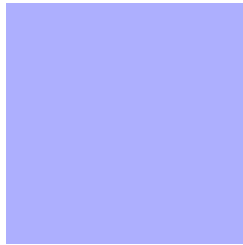
11.1186, 0.6377, 0.3287



1.0849, 0.6321, 0.3256

Previews

White Background



This preview shows how the Yxy color 46.6999, 0.2558, 0.2367 looks on a white background.

Color Contrast Check

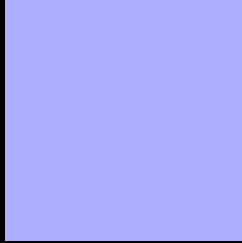
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.6999, 0.2558, 0.2367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

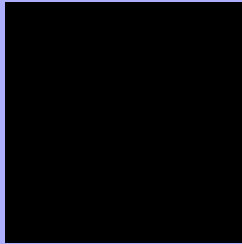
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6999, 0.2558, 0.2367

Background



This preview shows how black text looks on a background with the Yxy color 46.6999, 0.2558, 0.2367.



This preview shows how white text looks on a background with the Yxy color 46.6999, 0.2558, 0.2367.

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

46.6999, 0.2558, 0.2367

Protanopia

46.7293, 0.2462, 0.2383

Deuteranopia

47.0035, 0.2474, 0.2415



Tritanopia

46.5494, 0.2834, 0.3091

Trichromacy



Original Color

46.6999, 0.2558, 0.2367

Protanomaly

46.8473, 0.2491, 0.2378

Deuteranomaly

46.7192, 0.2502, 0.2398

Tritanomaly

46.3220, 0.2725, 0.2795

Monochromacy



Original Color

46.6999, 0.2558, 0.2367

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8297, 0.2898, 0.2924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6999, 0.2558, 0.2367 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(173, 175, 254)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 254)  
}
```

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(173, 175, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 254) }
```

Border

The CSS property to change the border of an element to Yxy 46.6999, 0.2558, 0.2367 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(173, 175, 254) }
```

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

```
.border{ border-color:rgb(173, 175, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 254);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6999, 0.2558, 0.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 254) }
```

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

```
.background{ background-color: rgb(173,  
175, 254) }
```

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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