

Converting Colors

Yxy(53.5354, 0.3655, 0.2432)

Have a look what the booklet for
Yxy(53.5354, 0.3655, 0.2432)
contains.

| | |
|---|----|
| Yxy(46.1306, 0.3335, 0.2335) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(46.1306, 0.3335, 0.2335)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8CED |
| RGB | 255, 140, 237 |
| RGB Percent | 100%, 55%, 93% |
| CMY | 0.0002, 0.4508, 0.0706 |
| CMYK | 0.00, 0.45, 0.07, 0.00 |
| HSL | 309°, 100%, 77% |
| HSV | 309°, 45%, 100% |
| XYZ | 65.8867, 46.1306, 85.5441 |
| YIQ | 185.4430, 37.4030, 54.5470 |

Conversions

Conversions Part 2

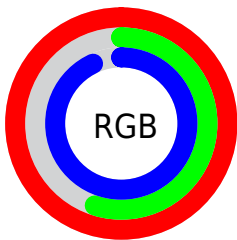
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 140, 237 |
| Decimal | 16747757 |
| CIE Lab | 73.63, 56.17, -30.01 |
| CIE LCh | 74, 63.688, 331.885 |
| Yxy | 46.1306, 0.3335, 0.2335 |
| Android (android.graphics.Color) | 4294937837 (0xFFFF8CED) |
| YUV | 185.4430, 25.4176, 61.0015 |
| Hunter-Lab | 67.9195, 54.2985, -27.1316 |

Details

The Yxy color **46.1306, 0.3335, 0.2335** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.5311, 0.2976, 0.4489**, and the grayscale version is **48.6199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9599, 0.3154, 0.2712**, and **21.5690, 0.3368, 0.2115** is the 20% darker color. If you saturate the color by 10%, you get **39.2923, 0.3394, 0.2151**, and if you desaturate by 10%, it is **54.7042, 0.3280, 0.2540**.

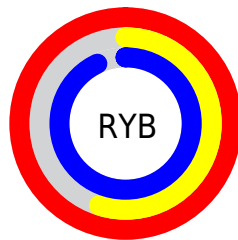
Distribution



Red (100%)

Green (55%)

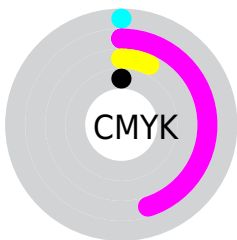
Blue (93%)



Red (100%)

Yellow (55%)

Blue (93%)

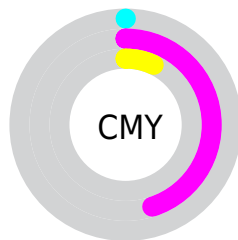


Cyan (0%)

Magenta (45%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1306, 0.3335, 0.2335 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 46.1306, 0.3335, 0.2335 by changing the saturation by 10% instead.


 46.1306, 0.3335,
0.2335

 46.1306, 0.3335,
0.2335


371.3335, 0.3249,
0.2770

 32.3489, 0.3352,
0.2238


 84.4144, 0.3307,
0.2484

 21.6281, 0.3371,
0.2120


 109.6853, 0.3296,
0.2543

 13.5839, 0.3394,
0.1973


139.5547, 0.3286,
0.2593

 7.8318, 0.3418,
0.1787

174.4071, 0.3277,
0.2638

 3.9875, 0.3444,
0.1544

214.6267, 0.3269,
0.2677

 1.6666, 0.3463,
0.1221

260.5981, 0.3261,

 0.4019, 0.3497,

0.2711

0.0662

312.7055, 0.3255,
0.2742

■ 0.0000, 0.3371,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.1306, 0.3335,
0.2335

■ 46.1306, 0.3335,
0.2335

■ 39.2923, 0.3394,
0.2151

■ 54.7042, 0.3280,
0.2540

■ 34.0619, 0.3455,
0.1996

■ 65.1159, 0.3230,
0.2755

■ 30.3053, 0.3516,
0.1882

■ 77.4683, 0.3185,
0.2972

■ 27.8632, 0.3575,
0.1812

■ 91.8543, 0.3145,
0.3185

■ 26.5397, 0.3631,
0.1788

99.9890, 0.3127,
0.3290

■ 26.1609, 0.3658,
0.1789

Harmonies

Analogous

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



46.1306, 0.2492, 0.2041



46.1306, 0.3335, 0.2335



46.1306, 0.4234, 0.2819

Triad

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



46.1306, 0.3335, 0.2335



46.1306, 0.4336, 0.4637



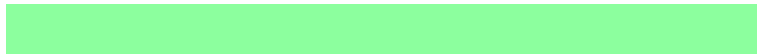
46.1306, 0.1693, 0.2801

Complementary

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



46.1306, 0.3335, 0.2335



79.5311, 0.2976, 0.4489

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.



46.1306, 0.2061, 0.3721



46.1306, 0.3335, 0.2335



46.1306, 0.3576, 0.4945

Square

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



46.1306, 0.3335, 0.2335



46.1306, 0.4816, 0.4048



46.1306, 0.2743, 0.4623



46.1306, 0.1655, 0.2219

Rectangle

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



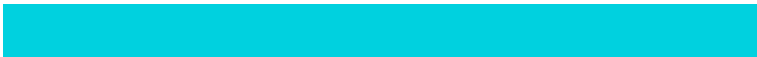
46.1306, 0.3335, 0.2335



46.1306, 0.4674, 0.3208



46.1306, 0.2743, 0.4623



46.1306, 0.1778, 0.3078

Sweetspot

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



46.1327, 0.3335, 0.2335



78.9456, 0.3180, 0.2995



33.1825, 0.2387, 0.1914



16.2807, 0.3189, 0.2949



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.



46.1327, 0.3335, 0.2335



39.9636, 0.3387, 0.2169



43.3248, 0.3904, 0.2874



18.2487, 0.3162, 0.3092



13.6950, 0.3649, 0.1784



1.3460, 0.3591, 0.1752

Inverse Universe

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



46.1327, 0.3335, 0.2335



39.9636, 0.3387, 0.2169



81.9549, 0.2702, 0.3767



18.2487, 0.3162, 0.3092



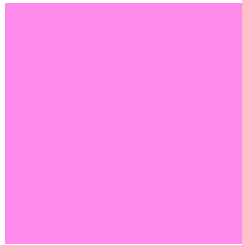
13.6950, 0.3649, 0.1784



1.3460, 0.3591, 0.1752

Previews

White Background



This preview shows how the Yxy color 46.1306, 0.3335, 0.2335 looks on a white background.

Color Contrast Check

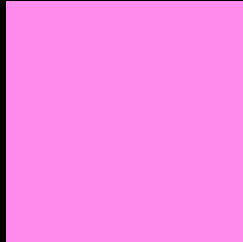
Large Text (above 18pt) WCAG AA × Fail

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 46.1306, 0.3335, 0.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

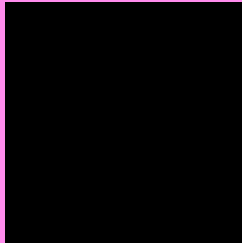
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1306, 0.3335, 0.2335

Background



This preview shows how black text looks on a background with the Yxy color 46.1306, 0.3335, 0.2335.

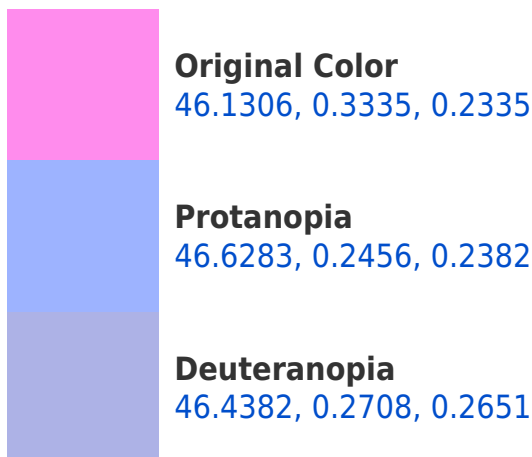


This preview shows how white text looks on a background with the Yxy color 46.1306, 0.3335, 0.2335.

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





Tritanopia

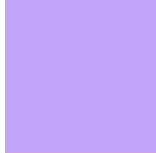
46.0069, 0.3921, 0.3162

Trichromacy



Original Color

46.1306, 0.3335, 0.2335



Protanomaly

45.0250, 0.2727, 0.2343



Deuteranomaly

45.1306, 0.2910, 0.2497



Tritanomaly

45.9425, 0.3709, 0.2847

Monochromacy



Original Color

46.1306, 0.3335, 0.2335



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.4372, 0.3200, 0.2876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1306, 0.3335, 0.2335 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(255, 140, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 237)  
}
```

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(255, 140, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 237) }
```

Border

The CSS property to change the border of an element to Yxy 46.1306, 0.3335, 0.2335 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(255, 140, 237) }
```

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

```
.border{ border-color:rgb(255, 140, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1306, 0.3335, 0.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 237) }
```

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

```
.background{ background-color: rgb(255,  
140, 237) }
```

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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