

Converting Colors

$Yxy(66.0002, 0.3881, 0.2502)$

Have a look what the booklet for
Yxy(66.0002, 0.3881, 0.2502)
contains.

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Color

Yxy(48.5332, 0.3243, 0.2304)

Conversions

Conversions Part 1

Format	Color
Hex	FF92F7
RGB	255, 146, 247
RGB Percent	100%, 57%, 97%
CMY	0.0000, 0.4275, 0.0312
CMYK	0.00, 0.43, 0.03, 0.00
HSL	304°, 100%, 79%
HSV	304°, 43%, 100%
XYZ	68.3130, 48.5332, 93.8014
YIQ	190.1050, 32.5430, 54.5190

Conversions

Conversions Part 2

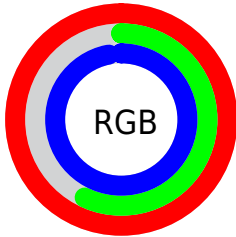
Format	Color
R _Y B	255, 146, 247
Decimal	16749303
CIE _{Lab}	75.16, 54.95, -33.13
CIE _{LCh}	75, 64.161, 328.911
Yxy	48.5332, 0.3243, 0.2304
Android (android.graphics.Color)	4294939383 (0xFFFF92F7)
YUV	190.1050, 28.0492, 56.9129
Hunter-Lab	69.6658, 53.1188, -31.0649

Details

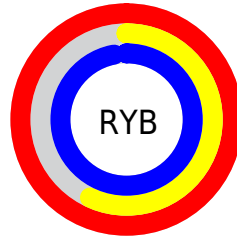
The Yxy color **48.5332, 0.3243, 0.2304** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.9621, 0.3027, 0.4529**, and the grayscale version is **51.3790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **23.1078, 0.3254, 0.2095** is the 20% darker color. If you saturate the color by 10%, you get **41.4169, 0.3274, 0.2102**, and if you desaturate by 10%, it is **57.4078, 0.3213, 0.2527**.

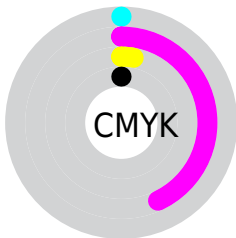
Distribution



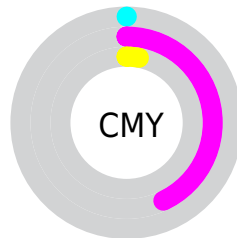
- Red (100%)
- Green (57%)
- Blue (97%)



- Red (100%)
- Yellow (57%)
- Blue (97%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5332, 0.3243, 0.2304 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 48.5332, 0.3243, 0.2304 by changing the saturation by 10% instead.


 48.5332, 0.3243,
0.2304


 48.5332, 0.3243,
0.2304


380.9017, 0.3203,
0.2748

 34.2493, 0.3249,
0.2206


 87.9978, 0.3232,
0.2455

 23.0852, 0.3254,
0.2088


 113.9472, 0.3227,
0.2515

 14.6564, 0.3258,
0.1942


144.5540, 0.3222,
0.2567

 8.5786, 0.3258,
0.1758


180.2026, 0.3218,
0.2612

 4.4674, 0.3249,
0.1522

221.2772, 0.3214,
0.2652

 1.9383, 0.3219,
0.1211

268.1623, 0.3210,

 0.5712, 0.3150,

0.2688

0.0758

321.2424, 0.3206,
0.2719

0.0000, 0.2985,
0.0000

0.0000, 0.0000,
0.0000

48.5332, 0.3243,
0.2304

48.5332, 0.3243,
0.2304

41.4169, 0.3274,
0.2102

57.4078, 0.3213,
0.2527

35.9348, 0.3305,
0.1929

68.1417, 0.3184,
0.2761

31.9565, 0.3335,
0.1796

80.8353, 0.3157,
0.2997

29.3291, 0.3363,
0.1706

95.5802, 0.3133,
0.3228

■ 27.8671, 0.3388,
0.1661

100.0000, 0.3127,
0.3290

■ 27.3393, 0.3405,
0.1650

Harmonies

Analogous

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



48.5332, 0.2428, 0.2034



48.5332, 0.3243, 0.2304



48.5332, 0.4144, 0.2770

Triad

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



48.5332, 0.3243, 0.2304



48.5332, 0.4390, 0.4576



48.5332, 0.1726, 0.2884

Complementary

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



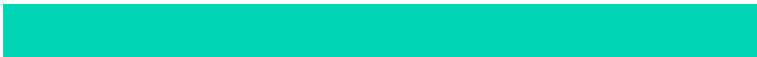
48.5332, 0.3243, 0.2304



79.9621, 0.3027, 0.4529

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.



48.5332, 0.2125, 0.3816



48.5332, 0.3243, 0.2304



48.5332, 0.3655, 0.4922

Square

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



48.5332, 0.3243, 0.2304



48.5332, 0.4825, 0.3982



48.5332, 0.2826, 0.4673



48.5332, 0.1656, 0.2270

Rectangle

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



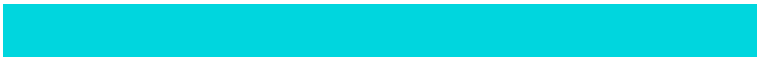
48.5332, 0.3243, 0.2304



48.5332, 0.4608, 0.3151



48.5332, 0.2826, 0.4673



48.5332, 0.1821, 0.3169

Sweetspot

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



48.5353, 0.3243, 0.2304



80.4881, 0.3158, 0.2991



34.5749, 0.2370, 0.1974



16.5934, 0.3164, 0.2939



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.



48.5353, 0.3243, 0.2304



42.5385, 0.3269, 0.2135



45.6775, 0.3752, 0.2802



18.2762, 0.3149, 0.3073



14.2950, 0.3402, 0.1648



1.3984, 0.3377, 0.1634

Inverse Universe

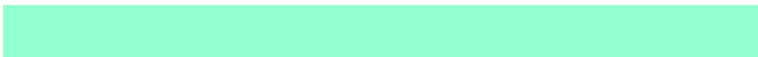
The Inverse Universe completely reimagines the original color for something new.



48.5353, 0.3243, 0.2304



42.5385, 0.3269, 0.2135



82.1733, 0.2763, 0.3850



18.2762, 0.3149, 0.3073



14.2950, 0.3402, 0.1648



1.3984, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 48.5332, 0.3243, 0.2304 looks on a white background.

Color Contrast Check

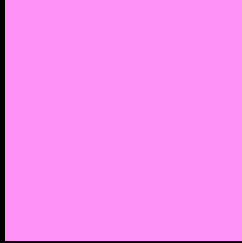
Large Text (above 18pt) WCAG AA × Fail

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 48.5332, 0.3243, 0.2304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

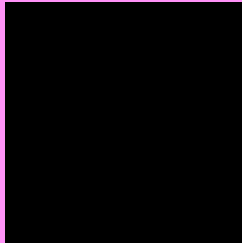
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5332, 0.3243, 0.2304

Background



This preview shows how black text looks on a background with the Yxy color 48.5332, 0.3243, 0.2304.

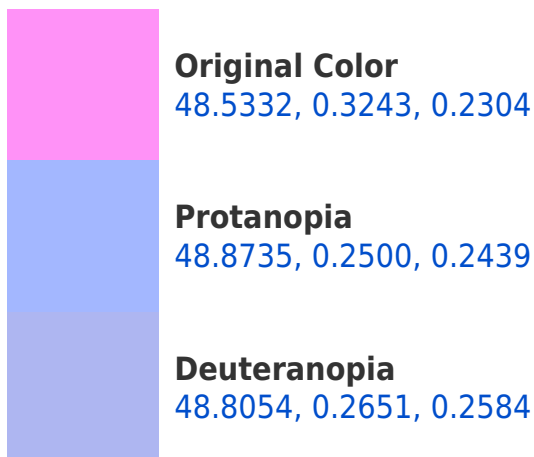


This preview shows how white text looks on a background with the Yxy color 48.5332, 0.3243, 0.2304.

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

48.4895, 0.3819, 0.3162

Trichromacy



Original Color

48.5332, 0.3243, 0.2304



Protanomaly

47.5135, 0.2727, 0.2368



Deuteranomaly

47.5435, 0.2840, 0.2456



Tritanomaly

48.1337, 0.3598, 0.2816

Monochromacy



Original Color

48.5332, 0.3243, 0.2304



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.2714, 0.3173, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5332, 0.3243, 0.2304 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, 146, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 247)  
}
```

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, 146, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 247) }
```

Border

The CSS property to change the border of an element to Yxy 48.5332, 0.3243, 0.2304 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, 146, 247) }
```

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

```
.border{ border-color:rgb(255, 146, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5332, 0.3243, 0.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 247) }
```

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

```
.background{ background-color: rgb(255,  
146, 247) }
```

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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