

Converting Colors

$Y_{xy}(64.6655, 0.3678, 0.2632)$

Have a look what the booklet for
Yxy(64.6655, 0.3678, 0.2632)
contains.

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Color

Yxy(54.5211, 0.3281, 0.2534)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5F1
RGB	255, 165, 241
RGB Percent	100%, 65%, 95%
CMY	0.0000, 0.3531, 0.0548
CMYK	0.00, 0.35, 0.05, 0.00
HSL	309°, 100%, 82%
HSV	309°, 35%, 100%
XYZ	70.5934, 54.5211, 90.0437
YIQ	200.5740, 29.2440, 42.7160

Conversions

Conversions Part 2

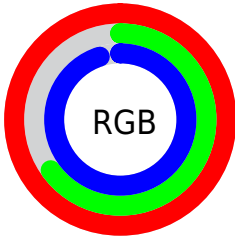
Format	Color
RYB	255, 165, 241
Decimal	16754161
CIELab	78.76, 44.34, -24.34
CIElCh	79, 50.579, 331.234
Yxy	54.5211, 0.3281, 0.2534
Android (android.graphics.Color)	4294944241 (0xFFFFA5F1)
YUV	200.5740, 19.9300, 47.7316
Hunter-Lab	73.8384, 41.4382, -20.6155

Details

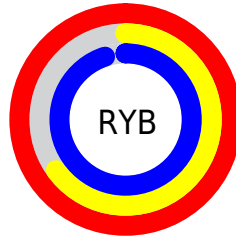
The Yxy color **54.5211, 0.3281, 0.2534** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.7680, 0.3006, 0.4188**, and the grayscale version is **57.9809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **26.7420, 0.3307, 0.2360** is the 20% darker color. If you saturate the color by 10%, you get **45.9794, 0.3335, 0.2329**, and if you desaturate by 10%, it is **64.8812, 0.3230, 0.2749**.

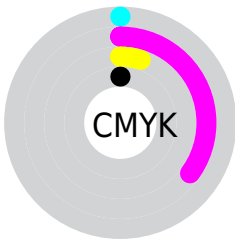
Distribution



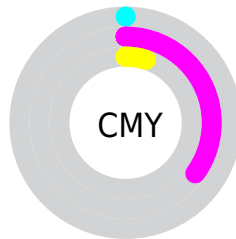
- Red (100%)
- Green (65%)
- Blue (95%)



- Red (100%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5211, 0.3281, 0.2534 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 54.5211, 0.3281, 0.2534 by changing the saturation by 10% instead.


 54.5211, 0.3281,
0.2534


 54.5211, 0.3281,
0.2534


404.0940, 0.3217,
0.2877

 39.0184, 0.3294,
0.2458


 96.8389, 0.3260,
0.2651

 26.7741, 0.3309,
0.2365


 124.4229, 0.3252,
0.2697

 17.4036, 0.3326,
0.2249


156.8027, 0.3244,
0.2737

 10.5227, 0.3347,
0.2101

194.3629, 0.3237,
0.2772

 5.7469, 0.3370,
0.1906

237.4876, 0.3231,
0.2803

 2.6918, 0.3393,
0.1641

286.5615, 0.3226,

 0.9730, 0.3407,

0.2830

0.1264

341.9688, 0.3221,
0.2855

■ 0.0000, 0.3629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5211, 0.3281,
0.2534

■ 54.5211, 0.3281,
0.2534

■ 45.9794, 0.3335,
0.2329

■ 64.8812, 0.3230,
0.2749

■ 39.1769, 0.3394,
0.2145

■ 77.1908, 0.3185,
0.2967

■ 33.9823, 0.3454,
0.1992

■ 91.5329, 0.3146,
0.3180

■ 30.2585, 0.3515,
0.1878

100.0000, 0.3127,
0.3290

■ 27.8458, 0.3574,
0.1809

■ 26.5468, 0.3629,
0.1786

■ 26.1884, 0.3655,
0.1787

Harmonies

Analogous

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



54.5211, 0.2635, 0.2300



54.5211, 0.3281, 0.2534



54.5211, 0.3949, 0.2927

Triad

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



54.5211, 0.3281, 0.2534



54.5211, 0.4097, 0.4345



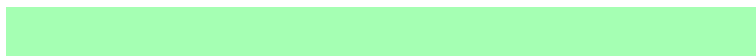
54.5211, 0.2009, 0.2957

Complementary

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



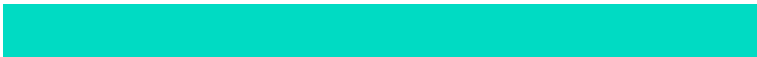
54.5211, 0.3281, 0.2534



82.7680, 0.3006, 0.4188

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.



54.5211, 0.2325, 0.3636



54.5211, 0.3281, 0.2534



54.5211, 0.3522, 0.4521

Square

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



54.5211, 0.3281, 0.2534



54.5211, 0.4431, 0.3919



54.5211, 0.2872, 0.4265



54.5211, 0.1962, 0.2483

Rectangle

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



54.5211, 0.3281, 0.2534



54.5211, 0.4281, 0.3246



54.5211, 0.2872, 0.4265



54.5211, 0.2085, 0.3169

Sweetspot

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



54.5109, 0.3280, 0.2534



83.1136, 0.3168, 0.3060



43.6392, 0.2576, 0.2249



17.3819, 0.3173, 0.3031



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.



54.5109, 0.3280, 0.2534



48.6039, 0.3317, 0.2395



52.1657, 0.3676, 0.2963



18.2491, 0.3162, 0.3092



13.7022, 0.3646, 0.1782



1.3466, 0.3588, 0.1750

Inverse Universe

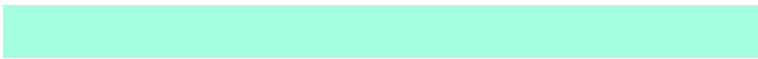
The Inverse Universe completely reimagines the original color for something new.



54.5109, 0.3280, 0.2534



48.6039, 0.3317, 0.2395



84.8699, 0.2779, 0.3648



18.2491, 0.3162, 0.3092



13.7022, 0.3646, 0.1782



1.3466, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 54.5211, 0.3281, 0.2534 looks on a white background.

Color Contrast Check

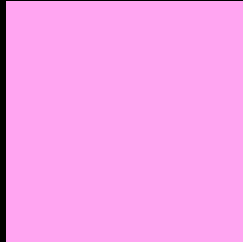
Large Text (above 18pt) WCAG AA × Fail

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 54.5211, 0.3281, 0.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

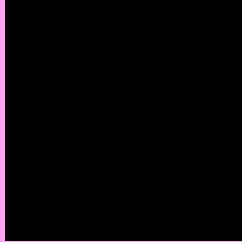
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5211, 0.3281, 0.2534

Background



This preview shows how black text looks on a background with the Yxy color 54.5211, 0.3281, 0.2534.



This preview shows how white text looks on a background with the Yxy color 54.5211, 0.3281, 0.2534.

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

54.5211, 0.3281, 0.2534

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.7871, 0.2832, 0.2770



Tritanopia

54.2905, 0.3659, 0.3142

Trichromacy



Original Color

54.5211, 0.3281, 0.2534



Protanomaly

53.8909, 0.2824, 0.2551



Deuteranomaly

54.2279, 0.2981, 0.2673



Tritanomaly

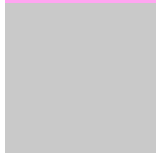
54.1891, 0.3523, 0.2904

Monochromacy



Original Color

54.5211, 0.3281, 0.2534



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.2965, 0.3182, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5211, 0.3281, 0.2534 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, 165, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 241)  
}
```

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, 165, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 241) }
```

Border

The CSS property to change the border of an element to Yxy 54.5211, 0.3281, 0.2534 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, 165, 241) }
```

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

```
.border{ border-color:rgb(255, 165, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5211, 0.3281, 0.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 241) }
```

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

```
.background{ background-color: rgb(255,  
165, 241) }
```

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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