

Converting Colors

$Y_{xy}(54.3750, 0.3488, 0.2924)$

Have a look what the booklet for
Yxy(54.3750, 0.3488, 0.2924)
contains.

Yxy(54.2154, 0.3485, 0.2921)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2154, 0.3485, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	F7ADD0
RGB	247, 173, 208
RGB Percent	97%, 68%, 82%
CMY	0.0314, 0.3215, 0.1845
CMYK	0.00, 0.30, 0.16, 0.03
HSL	332°, 82%, 82%
HSV	332°, 30%, 97%
XYZ	64.6836, 54.2154, 66.7067
YIQ	199.1160, 32.8690, 26.5730

Conversions

Conversions Part 2

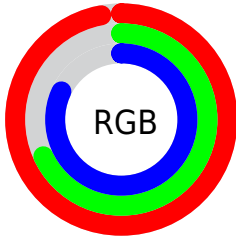
Format	Color
R _Y B	247, 173, 208
Decimal	16231888
CIE Lab	78.59, 32.10, -6.78
CIE LCh	79, 32.805, 348.069
Yxy	54.2154, 0.3485, 0.2921
Android (android.graphics.Color)	4294421968 (0xFF7ADD0)
YUV	199.1160, 4.3798, 41.9943
Hunter-Lab	73.6311, 27.9545, -2.1724

Details

The Yxy color **54.2154, 0.3485, 0.2921** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.1646, 0.2874, 0.3693**, and the grayscale version is **57.1464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **26.7132, 0.3577, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **44.9888, 0.3655, 0.2794**, and if you desaturate by 10%, it is **65.2507, 0.3343, 0.3049**.

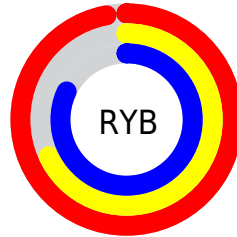
Distribution



Red (97%)

Green (68%)

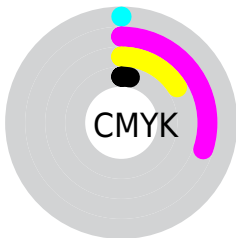
Blue (82%)



Red (97%)

Yellow (68%)

Blue (82%)

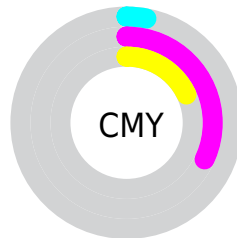


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (3%)



Cyan (3%)


Magenta (32%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2154, 0.3485, 0.2921 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 54.2154, 0.3485, 0.2921 by changing the saturation by 10% instead.


 54.2154, 0.3485,
0.2921

 54.2154, 0.3485,
0.2921


402.9309, 0.3313,
0.3096

 38.7739, 0.3526,
0.2880


 96.3904, 0.3424,
0.2982

 26.5839, 0.3577,
0.2829


123.8928, 0.3401,
0.3006

 17.2610, 0.3644,
0.2763


156.1842, 0.3381,
0.3026

 10.4207, 0.3733,
0.2676

193.6490, 0.3364,
0.3044

 5.6788, 0.3860,
0.2555

236.6717, 0.3349,
0.3059

 2.6508, 0.4052,
0.2375

285.6366, 0.3335,

 0.9523, 0.4378,

0.3073

0.2083

340.9282, 0.3324,
0.3085

0.0000, 0.6763,
0.0000

0.0000, 0.0000,
0.0000

54.2154, 0.3485,
0.2921

54.2154, 0.3485,
0.2921

44.9888, 0.3655,
0.2794

65.2507, 0.3343,
0.3049

37.4656, 0.3853,
0.2676

78.1776, 0.3224,
0.3173

31.5408, 0.4081,
0.2576

93.0830, 0.3127,
0.3291

27.0950, 0.4332,
0.2508

98.5147, 0.3078,
0.3290

■ 23.9914, 0.4598,
0.2483

■ 22.0675, 0.4863,
0.2512

■ 21.0554, 0.5115,
0.2592

■ 21.0517, 0.5117,
0.2592

Harmonies

Analogous

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



54.2154, 0.3041, 0.2687



54.2154, 0.3485, 0.2921



54.2154, 0.3846, 0.3243

Triad

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



54.2154, 0.3485, 0.2921



54.2154, 0.3586, 0.4070



54.2154, 0.2327, 0.2890

Complementary

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



54.2154, 0.3485, 0.2921



80.1646, 0.2874, 0.3693

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.



54.2154, 0.2451, 0.3274



54.2154, 0.3485, 0.2921



54.2154, 0.3164, 0.4007

Square

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



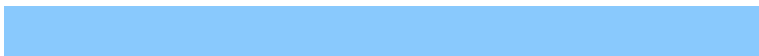
54.2154, 0.3485, 0.2921



54.2154, 0.3897, 0.3902



54.2154, 0.2751, 0.3701



54.2154, 0.2397, 0.2652

Rectangle

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



54.2154, 0.3485, 0.2921



54.2154, 0.3975, 0.3479



54.2154, 0.2751, 0.3701



54.2154, 0.2347, 0.3005

Sweetspot

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



54.2179, 0.3485, 0.2921



85.4659, 0.3214, 0.3184



50.4907, 0.2879, 0.2477



17.8255, 0.3230, 0.3167



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.



54.2179, 0.3485, 0.2921



52.0093, 0.3585, 0.2843



53.1582, 0.3798, 0.3305



16.6129, 0.3219, 0.3179



11.1615, 0.5077, 0.2571



1.0016, 0.4782, 0.2408

Inverse Universe

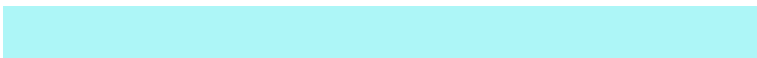
The Inverse Universe completely reimagines the original color for something new.



54.2179, 0.3485, 0.2921



52.0093, 0.3585, 0.2843



81.3725, 0.2693, 0.3275



16.6129, 0.3219, 0.3179



11.1615, 0.5077, 0.2571



1.0016, 0.4782, 0.2408

Previews

White Background



This preview shows how the Yxy color 54.2154, 0.3485, 0.2921 looks on a white background.

Color Contrast Check

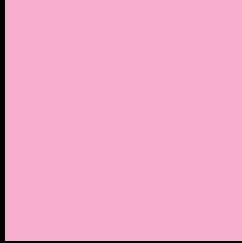
Large Text (above 18pt) WCAG AA × Fail

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 54.2154, 0.3485, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

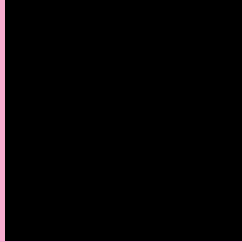
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2154, 0.3485, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 54.2154, 0.3485, 0.2921.



This preview shows how white text looks on a background with the Yxy color 54.2154, 0.3485, 0.2921.

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

54.2154, 0.3485, 0.2921

Protanopia

54.4368, 0.2911, 0.2956

Deuteranopia

54.3583, 0.3169, 0.3103



Tritanopia

54.1809, 0.3621, 0.3140

Trichromacy



Original Color

54.2154, 0.3485, 0.2921



Protanomaly

53.9246, 0.3103, 0.2945



Deuteranomaly

54.0112, 0.3282, 0.3030



Tritanomaly

54.2840, 0.3569, 0.3056

Monochromacy



Original Color

54.2154, 0.3485, 0.2921



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6901, 0.3248, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2154, 0.3485, 0.2921 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(247, 173, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 208)  
}
```

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(247, 173, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.2154, 0.3485, 0.2921 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(247, 173, 208) }
```

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

```
.border{ border-color:rgb(247, 173, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2154, 0.3485, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 208) }
```

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

```
.background{ background-color: rgb(247,  
173, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor