

Converting Colors

$Yxy(60.3678, 0.3849, 0.2734)$

Have a look what the booklet for
Yxy(60.3678, 0.3849, 0.2734)
contains.

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Color

Yxy(50.9342, 0.3461, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EDD
RGB	255, 158, 221
RGB Percent	100%, 62%, 87%
CMY	0.0000, 0.3804, 0.1332
CMYK	0.00, 0.38, 0.13, 0.00
HSL	321°, 100%, 81%
HSV	321°, 38%, 100%
XYZ	66.5220, 50.9342, 74.7483
YIQ	194.1850, 37.5890, 40.1570

Conversions

Conversions Part 2

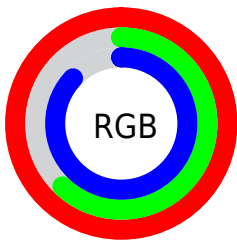
Format	Color
R _Y B	255, 158, 221
Decimal	16752349
CIE Lab	76.64, 44.62, -16.71
CIE LCh	77, 47.647, 339.471
Yxy	50.9342, 0.3461, 0.2650
Android (android.graphics.Color)	4294942429 (0xFFFF9EDD)
YUV	194.1850, 13.2198, 53.3348
Hunter-Lab	71.3682, 41.4847, -12.1404

Details

The Yxy color $50.9342, 0.3461, 0.2650$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $82.5937, 0.2901, 0.4036$, and the grayscale version is $53.9682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $24.5241, 0.3544, 0.2493$ is the 20% darker color. If you saturate the color by 10%, you get $42.6565, 0.3584, 0.2488$, and if you desaturate by 10%, it is $61.0442, 0.3353, 0.2821$.

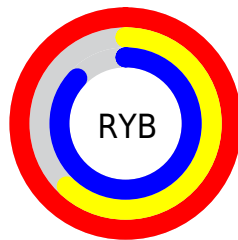
Distribution



Red (100%)

Green (62%)

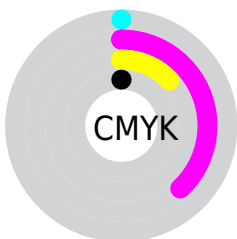
Blue (87%)



Red (100%)

Yellow (62%)

Blue (87%)

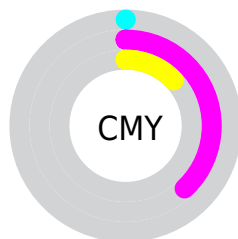


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9342, 0.3461, 0.2650 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 50.9342, 0.3461, 0.2650 by changing the saturation by 10% instead.

 50.9342, 0.3461,
0.2650


 50.9342, 0.3461,
0.2650

390.3081, 0.3305,
0.2947

 36.1562, 0.3497,
0.2582


 91.5575, 0.3407,
0.2753

 24.5549, 0.3541,
0.2498


 118.1716, 0.3386,
0.2793

 15.7457, 0.3598,
0.2392


149.5000, 0.3368,
0.2828

 9.3444, 0.3671,
0.2254

185.9268, 0.3352,
0.2858

 4.9665, 0.3772,
0.2067

227.8367, 0.3338,
0.2884

 2.2276, 0.3915,
0.1803

275.6139, 0.3326,

 0.7350, 0.4142,

0.2908

0.1392

329.6429, 0.3315,
0.2929

0.0000, 0.4908,
0.0000

0.0000, 0.0000,
0.0000

50.9342, 0.3461,
0.2650

50.9342, 0.3461,
0.2650

42.6565, 0.3584,
0.2488

61.0442, 0.3353,
0.2821

36.0948, 0.3722,
0.2345

73.0861, 0.3260,
0.2993

31.1248, 0.3871,
0.2232

87.1567, 0.3181,
0.3161

27.6037, 0.4028,
0.2161

100.0000, 0.3127,
0.3290

■ 25.3632, 0.4185,
0.2140

■ 24.1747, 0.4338,
0.2171

■ 24.0016, 0.4367,
0.2180

Harmonies

Analogous

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



50.9342, 0.2811, 0.2375



50.9342, 0.3461, 0.2650



50.9342, 0.4067, 0.3064

Triad

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



50.9342, 0.3461, 0.2650



50.9342, 0.3931, 0.4389



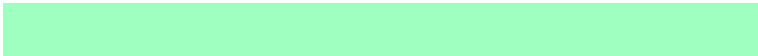
50.9342, 0.2007, 0.2821

Complementary

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



50.9342, 0.3461, 0.2650



82.5937, 0.2901, 0.4036

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.



50.9342, 0.2243, 0.3436



50.9342, 0.3461, 0.2650



50.9342, 0.3339, 0.4451

Square

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



50.9342, 0.3461, 0.2650



50.9342, 0.4330, 0.4028



50.9342, 0.2721, 0.4085



50.9342, 0.2031, 0.2429

Rectangle

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



50.9342, 0.3461, 0.2650



50.9342, 0.4327, 0.3384



50.9342, 0.2721, 0.4085



50.9342, 0.2056, 0.3007

Sweetspot

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



50.9354, 0.3461, 0.2650



82.7741, 0.3203, 0.3112



42.8735, 0.2667, 0.2198



17.3006, 0.3214, 0.3089



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.



50.9354, 0.3461, 0.2650



44.2017, 0.3558, 0.2520



48.7133, 0.3929, 0.3139



18.1860, 0.3192, 0.3137



12.5707, 0.4343, 0.2166



1.2447, 0.4180, 0.2076

Inverse Universe

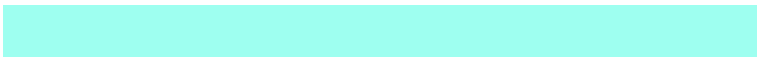
The Inverse Universe completely reimagines the original color for something new.



50.9354, 0.3461, 0.2650



44.2017, 0.3558, 0.2520



85.1071, 0.2663, 0.3452



18.1860, 0.3192, 0.3137



12.5707, 0.4343, 0.2166



1.2447, 0.4180, 0.2076

Previews

White Background



This preview shows how the Yxy color 50.9342, 0.3461, 0.2650 looks on a white background.

Color Contrast Check

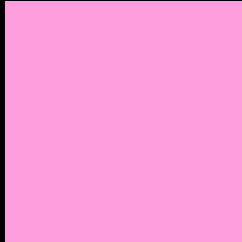
Large Text (above 18pt) WCAG AA × Fail

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 50.9342, 0.3461, 0.2650 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 50.9342, 0.3461, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 50.9342, 0.3461, 0.2650.



This preview shows how white text looks on a background with the Yxy color 50.9342, 0.3461, 0.2650.

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

50.9342, 0.3461, 0.2650

Protanopia

51.5474, 0.2672, 0.2660

Deuteranopia

51.2579, 0.2975, 0.2919



Tritanopia

50.8511, 0.3794, 0.3153

Trichromacy



Original Color

50.9342, 0.3461, 0.2650



Protanomaly

50.3639, 0.2923, 0.2640



Deuteranomaly

50.4736, 0.3142, 0.2802



Tritanomaly

50.7849, 0.3677, 0.2965

Monochromacy



Original Color

50.9342, 0.3461, 0.2650



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.0063, 0.3241, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9342, 0.3461, 0.2650 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, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 221)  
}
```

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, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 221) }
```

Border

The CSS property to change the border of an element to Yxy 50.9342, 0.3461, 0.2650 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, 158, 221) }
```

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

```
.border{ border-color:rgb(255, 158, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9342, 0.3461, 0.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 221) }
```

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

```
.background{ background-color: rgb(255,  
158, 221) }
```

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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