

Converting Colors

Yxy(59.7283, 0.3841, 0.2719)

Have a look what the booklet for
Yxy(59.7283, 0.3841, 0.2719)
contains.

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Color

Yxy(50.2574, 0.3464, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CDD
RGB	255, 156, 221
RGB Percent	100%, 61%, 87%
CMY	0.0001, 0.3881, 0.1335
CMYK	0.00, 0.39, 0.13, 0.00
HSL	321°, 100%, 81%
HSV	321°, 39%, 100%
XYZ	66.1694, 50.2574, 74.5934
YIQ	193.0110, 38.1390, 41.2030

Conversions

Conversions Part 2

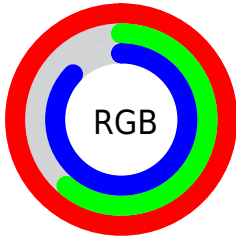
Format	Color
R _Y B	255, 156, 221
Decimal	16751837
CIE Lab	76.23, 45.61, -17.30
CIE LCh	76, 48.782, 339.231
Yxy	50.2574, 0.3464, 0.2631
Android (android.graphics.Color)	4294941917 (0xFFFF9CDD)
YUV	193.0110, 13.7986, 54.3644
Hunter-Lab	70.8925, 42.5460, -12.7605

Details

The Yxy color **50.2574, 0.3464, 0.2631** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.2960, 0.2901, 0.4062**, and the grayscale version is **53.2376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **24.1262, 0.3548, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **42.1253, 0.3586, 0.2469**, and if you desaturate by 10%, it is **60.2146, 0.3357, 0.2803**.

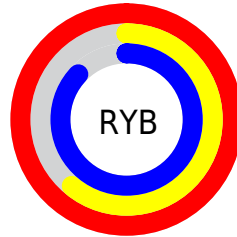
Distribution



Red (100%)

Green (61%)

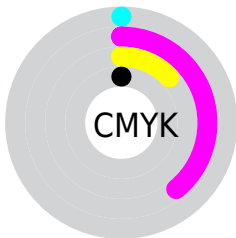
Blue (87%)



Red (100%)

Yellow (61%)

Blue (87%)

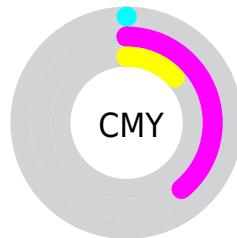


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2574, 0.3464, 0.2631 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 50.2574, 0.3464, 0.2631 by changing the saturation by 10% instead.


 50.2574, 0.3464,
0.2631


 50.2574, 0.3464,
0.2631


387.6717, 0.3307,
0.2937

 35.6180, 0.3500,
0.2561

 90.5561, 0.3409,
0.2737

 24.1393, 0.3545,
0.2475


 116.9842, 0.3388,
0.2779

 15.4370, 0.3601,
0.2365


148.1106, 0.3370,
0.2814

 9.1266, 0.3676,
0.2223

184.3198, 0.3354,
0.2845

 4.8239, 0.3776,
0.2031

225.9961, 0.3340,
0.2872

 2.1443, 0.3920,
0.1760

273.5239, 0.3328,

 0.6894, 0.4150,

0.2896

0.1330

327.2876, 0.3317,
0.2918

0.0000, 0.4871,
0.0000

0.0000, 0.0000,
0.0000

50.2574, 0.3464,
0.2631

50.2574, 0.3464,
0.2631

42.1253, 0.3586,
0.2469

60.2146, 0.3357,
0.2803

35.6975, 0.3722,
0.2326

72.0936, 0.3264,
0.2977

30.8500, 0.3868,
0.2215

85.9928, 0.3186,
0.3147

27.4384, 0.4021,
0.2146

99.9959, 0.3127,
0.3290

■ 25.2919, 0.4175,
0.2128

■ 24.1629, 0.4323,
0.2160

■ 24.0581, 0.4341,
0.2165

Harmonies

Analogous

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



50.2574, 0.2796, 0.2351



50.2574, 0.3464, 0.2631



50.2574, 0.4089, 0.3053

Triad

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



50.2574, 0.3464, 0.2631



50.2574, 0.3954, 0.4416



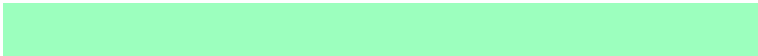
50.2574, 0.1980, 0.2811

Complementary

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



50.2574, 0.3464, 0.2631



82.2960, 0.2901, 0.4062

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.



50.2574, 0.2223, 0.3445



50.2574, 0.3464, 0.2631



50.2574, 0.3347, 0.4488

Square

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



50.2574, 0.3464, 0.2631



50.2574, 0.4364, 0.4040



50.2574, 0.2713, 0.4115



50.2574, 0.2003, 0.2408

Rectangle

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



50.2574, 0.3464, 0.2631



50.2574, 0.4359, 0.3380



50.2574, 0.2713, 0.4115



50.2574, 0.2031, 0.3001

Sweetspot

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



50.2597, 0.3464, 0.2631



81.3475, 0.3210, 0.3093



41.8240, 0.2642, 0.2170



17.0164, 0.3220, 0.3071



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.



50.2597, 0.3464, 0.2631



43.4747, 0.3563, 0.2497



48.0397, 0.3936, 0.3119



18.1880, 0.3191, 0.3135



12.6025, 0.4318, 0.2152



1.2476, 0.4158, 0.2064

Inverse Universe

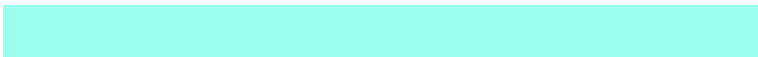
The Inverse Universe completely reimagines the original color for something new.



50.2597, 0.3464, 0.2631



43.4747, 0.3563, 0.2497



84.7782, 0.2663, 0.3475



18.1880, 0.3191, 0.3135



12.6025, 0.4318, 0.2152



1.2476, 0.4158, 0.2064

Previews

White Background



This preview shows how the Yxy color 50.2574, 0.3464, 0.2631 looks on a white background.

Color Contrast Check

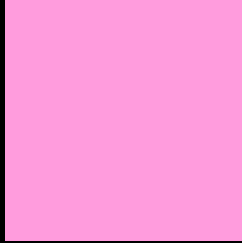
Large Text (above 18pt) WCAG AA × Fail

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 50.2574, 0.3464, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

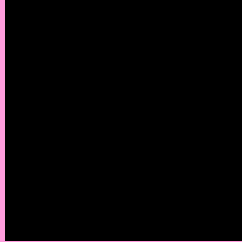
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2574, 0.3464, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 50.2574, 0.3464, 0.2631.



This preview shows how white text looks on a background with the Yxy color 50.2574, 0.3464, 0.2631.

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

50.2574, 0.3464, 0.2631

Protanopia

50.5273, 0.2650, 0.2623

Deuteranopia

50.7082, 0.2967, 0.2906



Tritanopia

50.4086, 0.3817, 0.3164

Trichromacy



Original Color

50.2574, 0.3464, 0.2631



Protanomaly

49.2970, 0.2907, 0.2614



Deuteranomaly

49.9330, 0.3134, 0.2789



Tritanomaly

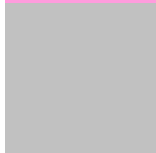
50.3864, 0.3689, 0.2965

Monochromacy



Original Color

50.2574, 0.3464, 0.2631



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.5532, 0.3250, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2574, 0.3464, 0.2631 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, 156, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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, 156, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 221) }
```

Border

The CSS property to change the border of an element to Yxy 50.2574, 0.3464, 0.2631 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, 156, 221) }
```

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

```
.border{ border-color:rgb(255, 156, 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, 156, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2574, 0.3464, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 221) }
```

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

```
.background{ background-color: rgb(255,  
156, 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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