

Converting Colors

$Y_{xy}(53.4799, 0.3481, 0.2761)$

Have a look what the booklet for
Yxy(53.4799, 0.3481, 0.2761)
contains.

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Color

Yxy(53.5944, 0.3477, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6DA
RGB	255, 166, 218
RGB Percent	100%, 65%, 85%
CMY	0.0000, 0.3491, 0.1451
CMYK	0.00, 0.35, 0.15, 0.00
HSL	325°, 100%, 83%
HSV	325°, 35%, 100%
XYZ	67.5418, 53.5944, 73.1168
YIQ	198.5390, 36.3520, 35.0400

Conversions

Conversions Part 2

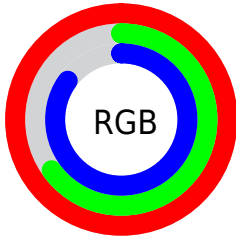
Format	Color
R _Y B	255, 166, 218
Decimal	16754394
CIE Lab	78.22, 40.04, -12.68
CIE LCh	78, 42.004, 342.426
Yxy	53.5944, 0.3477, 0.2759
Android (android.graphics.Color)	4294944474 (0xFFFFA6DA)
YUV	198.5390, 9.5943, 49.5163
Hunter-Lab	73.2082, 36.5695, -7.9703

Details

The Yxy color **53.5944, 0.3477, 0.2759** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.9364, 0.2888, 0.3893**, and the grayscale version is **56.7350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.1030, 0.3566, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **44.6834, 0.3619, 0.2608**, and if you desaturate by 10%, it is **64.3689, 0.3354, 0.2915**.

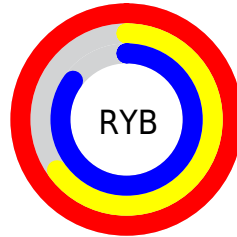
Distribution



Red (100%)

Green (65%)

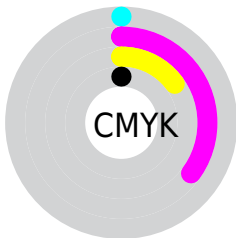
Blue (85%)



Red (100%)

Yellow (65%)

Blue (85%)

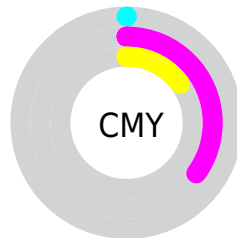


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5944, 0.3477, 0.2759 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 53.5944, 0.3477, 0.2759 by changing the saturation by 10% instead.


 53.5944, 0.3477,
0.2759

 53.5944, 0.3477,
0.2759


400.5614, 0.3312,
0.3006

 38.2775, 0.3515,
0.2702


 95.4785, 0.3419,
0.2845

 26.1981, 0.3563,
0.2632


 122.8144, 0.3397,
0.2879

 16.9719, 0.3624,
0.2543


154.9254, 0.3378,
0.2907

 10.2145, 0.3705,
0.2426

192.1960, 0.3361,
0.2932

 5.5414, 0.3817,
0.2267

235.0105, 0.3347,
0.2954

 2.5683, 0.3982,
0.2038

283.7533, 0.3334,

 0.9107, 0.4245,

0.2974

0.1687

338.8088, 0.3322,
0.2991

0.0000, 0.5403,
0.0000

0.0000, 0.0000,
0.0000

53.5944, 0.3477,
0.2759

53.5944, 0.3477,
0.2759

44.6834, 0.3619,
0.2608

64.3689, 0.3354,
0.2915

37.5407, 0.3781,
0.2472

77.1224, 0.3251,
0.3070

32.0400, 0.3960,
0.2361

91.9435, 0.3164,
0.3220

28.0444, 0.4152,
0.2289

100.0000, 0.3127,
0.3290

■ 25.3946, 0.4349,
0.2266

■ 23.8944, 0.4542,
0.2297

■ 23.4305, 0.4639,
0.2329

Harmonies

Analogous

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



53.5944, 0.2907, 0.2498



53.5944, 0.3477, 0.2759



53.5944, 0.3982, 0.3139

Triad

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



53.5944, 0.3477, 0.2759



53.5944, 0.3791, 0.4268



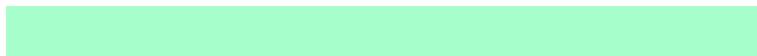
53.5944, 0.2132, 0.2847

Complementary

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



53.5944, 0.3477, 0.2759



83.9364, 0.2888, 0.3893

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.



53.5944, 0.2324, 0.3365



53.5944, 0.3477, 0.2759



53.5944, 0.3267, 0.4270

Square

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



53.5944, 0.3477, 0.2759



53.5944, 0.4156, 0.3987



53.5944, 0.2731, 0.3923



53.5944, 0.2175, 0.2517

Rectangle

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



53.5944, 0.3477, 0.2759



53.5944, 0.4188, 0.3427



53.5944, 0.2731, 0.3923



53.5944, 0.2170, 0.3003

Sweetspot

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



53.5895, 0.3477, 0.2759



84.1318, 0.3206, 0.3145



46.9870, 0.2746, 0.2307



17.5670, 0.3219, 0.3124



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.



53.5895, 0.3477, 0.2759



47.0859, 0.3575, 0.2651



51.6181, 0.3879, 0.3199



18.1652, 0.3202, 0.3152



12.2734, 0.4609, 0.2313



1.2168, 0.4405, 0.2200

Inverse Universe

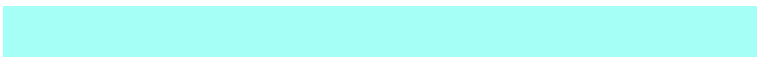
The Inverse Universe completely reimagines the original color for something new.



53.5895, 0.3477, 0.2759



47.0859, 0.3575, 0.2651



86.2854, 0.2674, 0.3387



18.1652, 0.3202, 0.3152



12.2734, 0.4609, 0.2313



1.2168, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 53.5944, 0.3477, 0.2759 looks on a white background.

Color Contrast Check

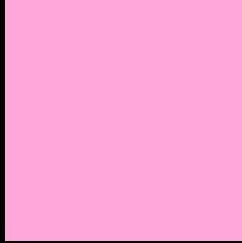
Large Text (above 18pt) WCAG AA × Fail

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 53.5944, 0.3477, 0.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

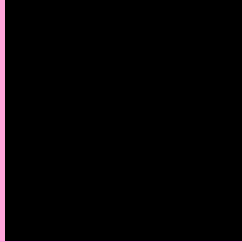
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5944, 0.3477, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 53.5944, 0.3477, 0.2759.



This preview shows how white text looks on a background with the Yxy color 53.5944, 0.3477, 0.2759.

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

53.5944, 0.3477, 0.2759

Protanopia

53.8878, 0.2768, 0.2782

Deuteranopia

53.9467, 0.3053, 0.2996



Tritanopia

53.5171, 0.3730, 0.3154

Trichromacy



Original Color

53.5944, 0.3477, 0.2759



Protanomaly

53.2258, 0.2999, 0.2769



Deuteranomaly

53.4836, 0.3203, 0.2908



Tritanomaly

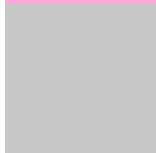
53.4761, 0.3633, 0.3007

Monochromacy



Original Color

53.5944, 0.3477, 0.2759



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.0569, 0.3245, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5944, 0.3477, 0.2759 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, 166, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 218)  
}
```

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, 166, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 218) }
```

Border

The CSS property to change the border of an element to Yxy 53.5944, 0.3477, 0.2759 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, 166, 218) }
```

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

```
.border{ border-color:rgb(255, 166, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5944, 0.3477, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 218) }
```

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

```
.background{ background-color: rgb(255,  
166, 218) }
```

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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