

Converting Colors

$Y_{xy}(53.2512, 0.3505, 0.2783)$

Have a look what the booklet for
Yxy(53.2512, 0.3505, 0.2783)
contains.

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Color

Yxy(53.0766, 0.3505, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5D7
RGB	255, 165, 215
RGB Percent	100%, 65%, 84%
CMY	0.0000, 0.3530, 0.1568
CMYK	0.00, 0.35, 0.16, 0.00
HSL	327°, 100%, 82%
HSV	327°, 35%, 100%
XYZ	66.9667, 53.0766, 71.0172
YIQ	197.6100, 37.5900, 34.6300

Conversions

Conversions Part 2

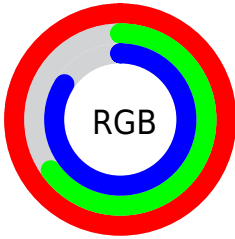
Format	Color
RYP	255, 165, 215
Decimal	16754135
CIELab	77.92, 40.09, -11.51
CIElCh	78, 41.707, 343.973
Yxy	53.0766, 0.3505, 0.2778
Android (android.graphics.Color)	4294944215 (0xFFFFA5D7)
YUV	197.6100, 8.5733, 50.3310
Hunter-Lab	72.8537, 36.5822, -6.7978

Details

The Yxy color **53.0766, 0.3505, 0.2778** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.9256, 0.2872, 0.3870**, and the grayscale version is **56.1519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.9967, 0.3604, 0.2664** is the 20% darker color. If you saturate the color by 10%, you get **44.2141, 0.3658, 0.2634**, and if you desaturate by 10%, it is **63.8122, 0.3373, 0.2927**.

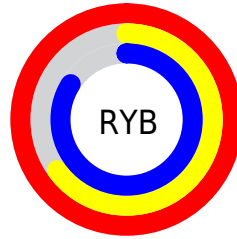
Distribution



Red (100%)

Green (65%)

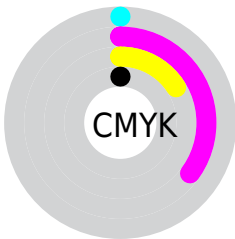
Blue (84%)



Red (100%)

Yellow (65%)

Blue (84%)

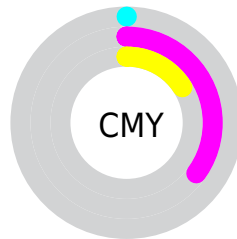


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0766, 0.3505, 0.2778 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 53.0766, 0.3505, 0.2778 by changing the saturation by 10% instead.

 53.0766, 0.3505,
0.2778


 53.0766, 0.3505,
0.2778


398.5789, 0.3326,
0.3018

 37.8639, 0.3547,
0.2723


 94.7171, 0.3442,
0.2862

 25.8771, 0.3600,
0.2654


 121.9137, 0.3418,
0.2894

 16.7317, 0.3667,
0.2567

153.8737, 0.3397,
0.2922

 10.0434, 0.3757,
0.2452

190.9815, 0.3379,
0.2946

 5.4277, 0.3882,
0.2296

233.6216, 0.3363,
0.2967

 2.5004, 0.4068,
0.2069

282.1782, 0.3349,

 0.8768, 0.4371,

0.2986

0.1717

337.0359, 0.3337,
0.3003

0.0000, 0.5782,
0.0000

0.0000, 0.0000,
0.0000

53.0766, 0.3505,
0.2778

53.0766, 0.3505,
0.2778

44.2141, 0.3658,
0.2634

63.8122, 0.3373,
0.2927

37.1157, 0.3834,
0.2505

76.5236, 0.3262,
0.3075

31.6589, 0.4029,
0.2402

91.3044, 0.3170,
0.3218

27.7058, 0.4239,
0.2337

100.0000, 0.3127,
0.3290

■ 25.0960, 0.4454,
0.2323

■ 23.6311, 0.4664,
0.2363

■ 23.2047, 0.4761,
0.2396

Harmonies

Analogous

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



53.0766, 0.2936, 0.2511



53.0766, 0.3505, 0.2778



53.0766, 0.3999, 0.3162

Triad

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



53.0766, 0.3505, 0.2778



53.0766, 0.3765, 0.4272



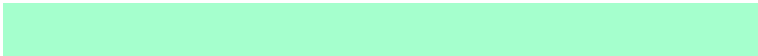
53.0766, 0.2132, 0.2826

Complementary

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



53.0766, 0.3505, 0.2778



83.9256, 0.2872, 0.3870

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.



53.0766, 0.2311, 0.3336



53.0766, 0.3505, 0.2778



53.0766, 0.3238, 0.4256

Square

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



53.0766, 0.3505, 0.2778



53.0766, 0.4139, 0.4004



53.0766, 0.2707, 0.3894



53.0766, 0.2187, 0.2509

Rectangle

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



53.0766, 0.3505, 0.2778



53.0766, 0.4193, 0.3450



53.0766, 0.2707, 0.3894



53.0766, 0.2166, 0.2979

Sweetspot

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



53.0761, 0.3505, 0.2778



82.6141, 0.3221, 0.3137



46.9659, 0.2764, 0.2301



17.2624, 0.3233, 0.3118



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.



53.0761, 0.3505, 0.2778



46.9342, 0.3605, 0.2680



51.1090, 0.3920, 0.3229



18.1561, 0.3207, 0.3159



12.1555, 0.4728, 0.2378



1.2056, 0.4507, 0.2256

Inverse Universe

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



53.0761, 0.3505, 0.2778



46.9342, 0.3605, 0.2680



86.3585, 0.2656, 0.3355



18.1561, 0.3207, 0.3159



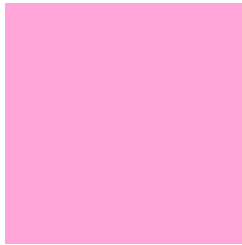
12.1555, 0.4728, 0.2378



1.2056, 0.4507, 0.2256

Previews

White Background



This preview shows how the Yxy color 53.0766, 0.3505, 0.2778 looks on a white background.

Color Contrast Check

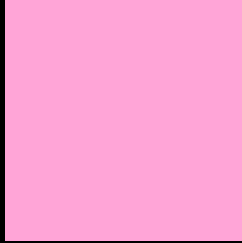
Large Text (above 18pt) WCAG AA × Fail

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 53.0766, 0.3505, 0.2778 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 53.0766, 0.3505, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 53.0766, 0.3505, 0.2778.



This preview shows how white text looks on a background with the Yxy color 53.0766, 0.3505, 0.2778.

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

53.0766, 0.3505, 0.2778

Protanopia

53.2781, 0.2786, 0.2803

Deuteranopia

53.5070, 0.3083, 0.3019



Tritanopia

53.0957, 0.3742, 0.3154

Trichromacy



Original Color

53.0766, 0.3505, 0.2778



Protanomaly

52.6485, 0.3021, 0.2789



Deuteranomaly

53.0840, 0.3237, 0.2930



Tritanomaly

53.0115, 0.3654, 0.3018

Monochromacy



Original Color

53.0766, 0.3505, 0.2778



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.5375, 0.3262, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0766, 0.3505, 0.2778 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 215) }
```

Border

The CSS property to change the border of an element to Yxy 53.0766, 0.3505, 0.2778 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, 215) }
```

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

```
.border{ border-color:rgb(255, 165, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0766, 0.3505, 0.2778 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
165, 215) }
```

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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