

Converting Colors

$Y_{xy}(53.5853, 0.3516, 0.2810)$

Have a look what the booklet for
Yxy(53.5853, 0.3516, 0.2810)
contains.

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Color

Yxy(53.7015, 0.3520, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7D5
RGB	255, 167, 213
RGB Percent	100%, 65%, 84%
CMY	0.0000, 0.3451, 0.1647
CMYK	0.00, 0.35, 0.16, 0.00
HSL	329°, 100%, 83%
HSV	329°, 35%, 100%
XYZ	67.0792, 53.7015, 69.7853
YIQ	198.5560, 37.6820, 32.9620

Conversions

Conversions Part 2

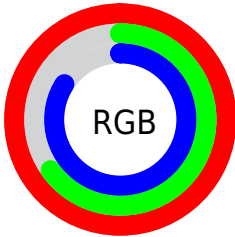
Format	Color
R _Y B	255, 167, 213
Decimal	16754645
CIE Lab	78.29, 38.75, -9.87
CIE LCh	78, 39.991, 345.707
Yxy	53.7015, 0.3520, 0.2818
Android (android.graphics.Color)	4294944725 (0xFFFFA7D5)
YUV	198.5560, 7.1209, 49.5014
Hunter-Lab	73.2813, 35.1506, -5.1645

Details

The Yxy color **53.7015, 0.3520, 0.2818** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.3365, 0.2862, 0.3820**, and the grayscale version is **56.7613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **26.3736, 0.3624, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **44.6633, 0.3684, 0.2681**, and if you desaturate by 10%, it is **64.6193, 0.3380, 0.2959**.

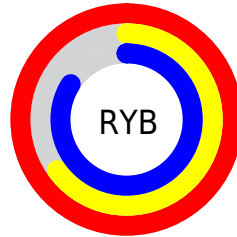
Distribution



Red (100%)

Green (65%)

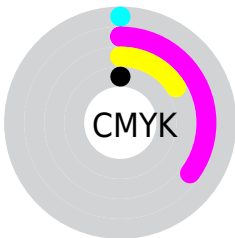
Blue (84%)



Red (100%)

Yellow (65%)

Blue (84%)

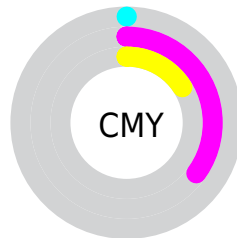


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7015, 0.3520, 0.2818 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 53.7015, 0.3520, 0.2818 by changing the saturation by 10% instead.


 53.7015, 0.3520,
0.2818


 53.7015, 0.3520,
0.2818


400.9707, 0.3333,
0.3040

 38.3631, 0.3564,
0.2767


 95.6358, 0.3454,
0.2895

 26.2646, 0.3619,
0.2703


 123.0005, 0.3429,
0.2925

 17.0217, 0.3691,
0.2622


155.1427, 0.3407,
0.2951

 10.2500, 0.3786,
0.2515

192.4469, 0.3388,
0.2973

 5.5650, 0.3919,
0.2368

235.2974, 0.3372,
0.2993

 2.5824, 0.4118,
0.2154

284.0786, 0.3357,

 0.9178, 0.4446,

0.3010

0.1818

339.1749, 0.3344,
0.3026

0.0000, 0.6128,
0.0000

0.0000, 0.0000,
0.0000

53.7015, 0.3520,
0.2818

53.7015, 0.3520,
0.2818

44.6633, 0.3684,
0.2681

64.6193, 0.3380,
0.2959

37.4078, 0.3873,
0.2558

77.5304, 0.3263,
0.3099

31.8095, 0.4085,
0.2460

92.5243, 0.3165,
0.3232

27.7318, 0.4313,
0.2399

100.0000, 0.3127,
0.3290

■ 25.0160, 0.4549,
0.2388

■ 23.4675, 0.4780,
0.2432

■ 22.9628, 0.4902,
0.2474

Harmonies

Analogous

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



53.7015, 0.2976, 0.2553



53.7015, 0.3520, 0.2818



53.7015, 0.3981, 0.3192

Triad

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



53.7015, 0.3520, 0.2818



53.7015, 0.3713, 0.4236



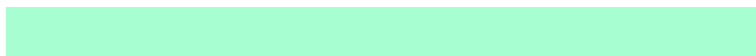
53.7015, 0.2169, 0.2826

Complementary

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



53.7015, 0.3520, 0.2818



84.3365, 0.2862, 0.3820

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.



53.7015, 0.2330, 0.3304



53.7015, 0.3520, 0.2818



53.7015, 0.3205, 0.4198

Square

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



53.7015, 0.3520, 0.2818



53.7015, 0.4082, 0.3996



53.7015, 0.2700, 0.3837



53.7015, 0.2235, 0.2531

Rectangle

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



53.7015, 0.3520, 0.2818



53.7015, 0.4155, 0.3471



53.7015, 0.2700, 0.3837



53.7015, 0.2198, 0.2968

Sweetspot

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



53.6972, 0.3520, 0.2818



84.0367, 0.3217, 0.3160



48.2712, 0.2796, 0.2331



17.5440, 0.3231, 0.3141



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.



53.6972, 0.3520, 0.2818



47.6301, 0.3623, 0.2728



51.7920, 0.3923, 0.3261



18.1458, 0.3212, 0.3166



12.0289, 0.4867, 0.2455



1.1933, 0.4626, 0.2322

Inverse Universe

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



53.6972, 0.3520, 0.2818



47.6301, 0.3623, 0.2728



86.7666, 0.2651, 0.3321



18.1458, 0.3212, 0.3166



12.0289, 0.4867, 0.2455



1.1933, 0.4626, 0.2322

Previews

White Background



This preview shows how the Yxy color 53.7015, 0.3520, 0.2818 looks on a white background.

Color Contrast Check

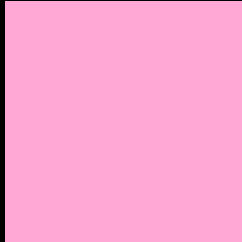
Large Text (above 18pt) WCAG AA × Fail

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 53.7015, 0.3520, 0.2818 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 53.7015, 0.3520, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 53.7015, 0.3520, 0.2818.



This preview shows how white text looks on a background with the Yxy color 53.7015, 0.3520, 0.2818.

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

53.7015, 0.3520, 0.2818

Protanopia

53.9212, 0.2828, 0.2851

Deuteranopia

54.1205, 0.3114, 0.3055



Tritanopia

53.7033, 0.3738, 0.3154

Trichromacy



Original Color

53.7015, 0.3520, 0.2818



Protanomaly

53.1917, 0.3059, 0.2835



Deuteranomaly

53.5482, 0.3260, 0.2964



Tritanomaly

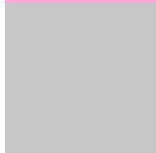
53.5722, 0.3660, 0.3029

Monochromacy



Original Color

53.7015, 0.3520, 0.2818



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.9604, 0.3260, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7015, 0.3520, 0.2818 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, 167, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 213)  
}
```

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, 167, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.7015, 0.3520, 0.2818 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, 167, 213) }
```

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

```
.border{ border-color:rgb(255, 167, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7015, 0.3520, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 213) }
```

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

```
.background{ background-color: rgb(255,  
167, 213) }
```

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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