

Converting Colors

$Y_{xy}(52.0914, 0.3511, 0.2752)$

Have a look what the booklet for
Yxy(52.0914, 0.3511, 0.2752)
contains.

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Color

Yxy(52.0070, 0.3510, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2D7
RGB	255, 162, 215
RGB Percent	100%, 64%, 84%
CMY	0.0000, 0.3647, 0.1569
CMYK	0.00, 0.36, 0.16, 0.00
HSL	326°, 100%, 82%
HSV	326°, 36%, 100%
XYZ	66.4282, 52.0070, 70.8188
YIQ	195.8490, 38.4150, 36.1990

Conversions

Conversions Part 2

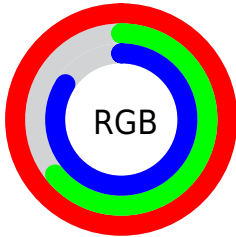
Format	Color
R _Y B	255, 162, 215
Decimal	16753367
CIE Lab	77.29, 41.63, -12.45
CIE LCh	77, 43.450, 343.352
Yxy	52.0070, 0.3510, 0.2748
Android (android.graphics.Color)	4294943447 (0xFFFFA2D7)
YUV	195.8490, 9.4414, 51.8754
Hunter-Lab	72.1159, 38.2191, -7.7425

Details

The Yxy color **52.0070, 0.3510, 0.2748** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4664, 0.2872, 0.3908**, and the grayscale version is **55.0308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **25.3457, 0.3610, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **43.3704, 0.3661, 0.2602**, and if you desaturate by 10%, it is **62.5026, 0.3380, 0.2900**.

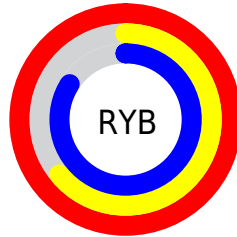
Distribution



Red (100%)

Green (64%)

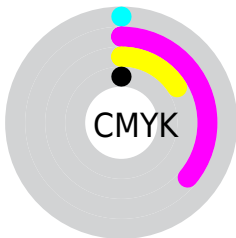
Blue (84%)



Red (100%)

Yellow (64%)

Blue (84%)

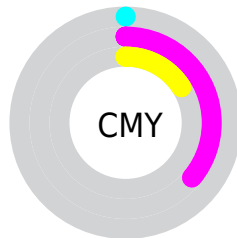


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0070, 0.3510, 0.2748 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 52.0070, 0.3510, 0.2748 by changing the saturation by 10% instead.


 52.0070, 0.3510,
0.2748


 52.0070, 0.3510,
0.2748


394.4636, 0.3328,
0.3002

 37.0107, 0.3553,
0.2689


 93.1416, 0.3446,
0.2837

 25.2157, 0.3606,
0.2617


 120.0486, 0.3421,
0.2871

 16.2379, 0.3674,
0.2525


151.6946, 0.3400,
0.2900

 9.6926, 0.3765,
0.2403

188.4640, 0.3382,
0.2926

 5.1956, 0.3892,
0.2238

230.7412, 0.3366,
0.2948

 2.3625, 0.4080,
0.1999

278.9106, 0.3352,

 0.8065, 0.4386,

0.2968

0.1625

333.3566, 0.3339,
0.2986

0.0000, 0.5736,
0.0000

0.0000, 0.0000,
0.0000

52.0070, 0.3510,
0.2748

52.0070, 0.3510,
0.2748

43.3704, 0.3661,
0.2602

62.5026, 0.3380,
0.2900

36.4816, 0.3832,
0.2472

74.9597, 0.3270,
0.3052

31.2168, 0.4022,
0.2370

89.4728, 0.3178,
0.3199

27.4361, 0.4224,
0.2308

100.0000, 0.3127,
0.3290

■ 24.9757, 0.4430,
0.2296

■ 23.6305, 0.4631,
0.2340

■ 23.3133, 0.4701,
0.2363

Harmonies

Analogous

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



52.0070, 0.2914, 0.2473



52.0070, 0.3510, 0.2748



52.0070, 0.4034, 0.3144

Triad

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



52.0070, 0.3510, 0.2748



52.0070, 0.3802, 0.4316



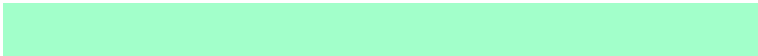
52.0070, 0.2090, 0.2811

Complementary

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



52.0070, 0.3510, 0.2748



83.4664, 0.2872, 0.3908

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.



52.0070, 0.2280, 0.3348



52.0070, 0.3510, 0.2748



52.0070, 0.3252, 0.4312

Square

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



52.0070, 0.3510, 0.2748



52.0070, 0.4191, 0.4024



52.0070, 0.2696, 0.3937



52.0070, 0.2142, 0.2477

Rectangle

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



52.0070, 0.3510, 0.2748



52.0070, 0.4242, 0.3444



52.0070, 0.2696, 0.3937



52.0070, 0.2127, 0.2972

Sweetspot

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



52.0069, 0.3510, 0.2748



82.6378, 0.3218, 0.3134



45.4442, 0.2737, 0.2262



17.2681, 0.3230, 0.3114



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.



52.0069, 0.3510, 0.2748



45.3366, 0.3621, 0.2637



49.9941, 0.3943, 0.3211



18.1605, 0.3204, 0.3155



12.2122, 0.4670, 0.2346



1.2110, 0.4457, 0.2229

Inverse Universe

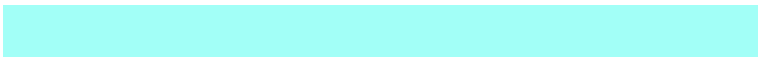
The Inverse Universe completely reimagines the original color for something new.



52.0069, 0.3510, 0.2748



45.3366, 0.3621, 0.2637



85.9324, 0.2650, 0.3375



18.1605, 0.3204, 0.3155



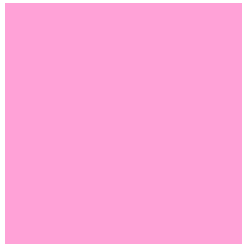
12.2122, 0.4670, 0.2346



1.2110, 0.4457, 0.2229

Previews

White Background



This preview shows how the Yxy color 52.0070, 0.3510, 0.2748 looks on a white background.

Color Contrast Check

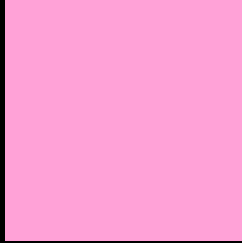
Large Text (above 18pt) WCAG AA × Fail

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 52.0070, 0.3510, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

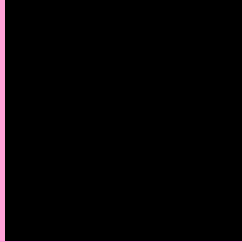
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0070, 0.3510, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 52.0070, 0.3510, 0.2748.



This preview shows how white text looks on a background with the Yxy color 52.0070, 0.3510, 0.2748.

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

52.0070, 0.3510, 0.2748

Protanopia

52.6552, 0.2765, 0.2778

Deuteranopia

52.2385, 0.3060, 0.2993



Tritanopia

51.8507, 0.3778, 0.3153

Trichromacy



Original Color

52.0070, 0.3510, 0.2748



Protanomaly

51.6888, 0.3013, 0.2764



Deuteranomaly

51.5699, 0.3222, 0.2894



Tritanomaly

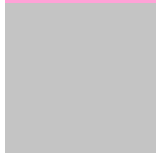
51.8181, 0.3679, 0.3007

Monochromacy



Original Color

52.0070, 0.3510, 0.2748



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.3445, 0.3255, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0070, 0.3510, 0.2748 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, 162, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 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, 162, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 215) }
```

Border

The CSS property to change the border of an element to Yxy 52.0070, 0.3510, 0.2748 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, 162, 215) }
```

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

```
.border{ border-color:rgb(255, 162, 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, 162, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0070, 0.3510, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 215) }
```

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

```
.background{ background-color: rgb(255,  
162, 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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