

Converting Colors

$Y_{xy}(74.5515, 0.4091, 0.2786)$

Have a look what the booklet for
Yxy(74.5515, 0.4091, 0.2786)
contains.

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Color

Yxy(53.5241, 0.3374, 0.2625)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4E6
RGB	255, 164, 230
RGB Percent	100%, 64%, 90%
CMY	0.0001, 0.3568, 0.0980
CMYK	0.00, 0.36, 0.10, 0.00
HSL	316°, 100%, 82%
HSV	316°, 36%, 100%
XYZ	68.7963, 53.5241, 81.5809
YIQ	198.7330, 33.0500, 39.8180

Conversions

Conversions Part 2

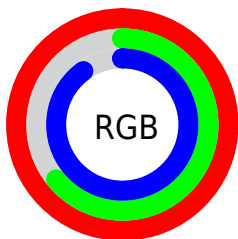
Format	Color
R _Y B	255, 164, 230
Decimal	16753894
CIE Lab	78.18, 42.97, -19.27
CIE LCh	78, 47.089, 335.849
Yxy	53.5241, 0.3374, 0.2625
Android (android.graphics.Color)	4294943974 (0xFFFFA4E6)
YUV	198.7330, 15.4146, 49.3462
Hunter-Lab	73.1602, 39.8225, -14.9022

Details

The Yxy color **53.5241, 0.3374, 0.2625** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0782, 0.2949, 0.4066**, and the grayscale version is **56.8327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **26.0782, 0.3436, 0.2472** is the 20% darker color. If you saturate the color by 10%, you get **44.9106, 0.3467, 0.2444**, and if you desaturate by 10%, it is **63.9877, 0.3291, 0.2814**.

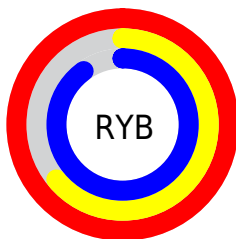
Distribution



Red (100%)

Green (64%)

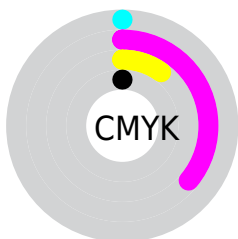
Blue (90%)



Red (100%)

Yellow (64%)

Blue (90%)

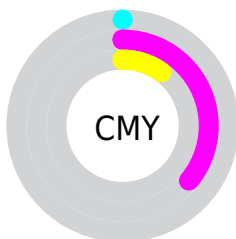


Cyan (0%)

Magenta (36%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5241, 0.3374, 0.2625 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 53.5241, 0.3374, 0.2625 by changing the saturation by 10% instead.


 53.5241, 0.3374,
0.2625

 53.5241, 0.3374,
0.2625


400.2927, 0.3262,
0.2930

 38.2213, 0.3399,
0.2556


 95.3751, 0.3336,
0.2730

 26.1545, 0.3429,
0.2471


 122.6922, 0.3321,
0.2771

 16.9393, 0.3467,
0.2365


154.7828, 0.3308,
0.2807

 10.1912, 0.3515,
0.2228

192.0313, 0.3296,
0.2838

 5.5259, 0.3577,
0.2044

234.8221, 0.3286,
0.2865

 2.5590, 0.3663,
0.1788

283.5397, 0.3277,

 0.9061, 0.3781,

0.2889

0.1412

338.5684, 0.3270,
0.2911

0.0000, 0.4299,
0.0000

0.0000, 0.0000,
0.0000

53.5241, 0.3374,
0.2625

53.5241, 0.3374,
0.2625

44.9106, 0.3467,
0.2444

63.9877, 0.3291,
0.2814

38.0298, 0.3571,
0.2281

76.3951, 0.3219,
0.3004

32.7622, 0.3681,
0.2146

90.8424, 0.3158,
0.3189

28.9700, 0.3796,
0.2051

99.9974, 0.3127,
0.3290

■ 26.4921, 0.3912,
0.2003

■ 25.1293, 0.4024,
0.2005

■ 24.7604, 0.4071,
0.2016

Harmonies

Analogous

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



53.5241, 0.2750, 0.2376



53.5241, 0.3374, 0.2625



53.5241, 0.3980, 0.3017

Triad

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



53.5241, 0.3374, 0.2625



53.5241, 0.3971, 0.4330



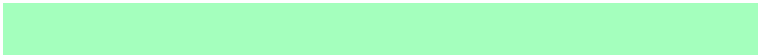
53.5241, 0.2049, 0.2899

Complementary

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



53.5241, 0.3374, 0.2625



83.0782, 0.2949, 0.4066

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.



53.5241, 0.2312, 0.3513



53.5241, 0.3374, 0.2625



53.5241, 0.3410, 0.4431

Square

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



53.5241, 0.3374, 0.2625



53.5241, 0.4325, 0.3960



53.5241, 0.2802, 0.4124



53.5241, 0.2042, 0.2485

Rectangle

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



53.5241, 0.3374, 0.2625



53.5241, 0.4259, 0.3327



53.5241, 0.2802, 0.4124



53.5241, 0.2108, 0.3087

Sweetspot

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



53.5265, 0.3374, 0.2625



82.9049, 0.3189, 0.3092



44.4999, 0.2645, 0.2258



17.3319, 0.3198, 0.3066



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.



53.5265, 0.3374, 0.2625



47.0491, 0.3441, 0.2491



51.3252, 0.3785, 0.3069



18.2103, 0.3180, 0.3119



12.9659, 0.4054, 0.2007



1.2809, 0.3935, 0.1941

Inverse Universe

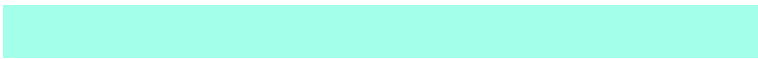
The Inverse Universe completely reimagines the original color for something new.



53.5265, 0.3374, 0.2625



47.0491, 0.3441, 0.2491



85.3317, 0.2724, 0.3528



18.2103, 0.3180, 0.3119



12.9659, 0.4054, 0.2007



1.2809, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 53.5241, 0.3374, 0.2625 looks on a white background.

Color Contrast Check

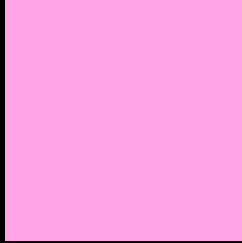
Large Text (above 18pt) WCAG AA × Fail

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 53.5241, 0.3374, 0.2625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

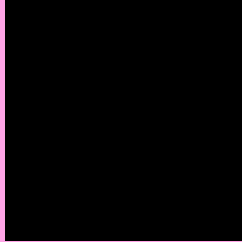
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5241, 0.3374, 0.2625

Background



This preview shows how black text looks on a background with the Yxy color 53.5241, 0.3374, 0.2625.



This preview shows how white text looks on a background with the Yxy color 53.5241, 0.3374, 0.2625.

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

53.5241, 0.3374, 0.2625

Protanopia

54.1225, 0.2649, 0.2629

Deuteranopia

53.7018, 0.2928, 0.2868



Tritanopia

53.7563, 0.3709, 0.3153

Trichromacy



Original Color

53.5241, 0.3374, 0.2625



Protanomaly

53.1321, 0.2884, 0.2620



Deuteranomaly

53.0940, 0.3078, 0.2765



Tritanomaly

53.7092, 0.3587, 0.2956

Monochromacy



Original Color

53.5241, 0.3374, 0.2625



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.8310, 0.3214, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5241, 0.3374, 0.2625 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, 164, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 230)  
}
```

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, 164, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.5241, 0.3374, 0.2625 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, 164, 230) }
```

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

```
.border{ border-color:rgb(255, 164, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5241, 0.3374, 0.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 230) }
```

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

```
.background{ background-color: rgb(255,  
164, 230) }
```

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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