

Converting Colors

$Y_{xy}(53.5627, 0.3452, 0.2727)$

Have a look what the booklet for
Yxy(53.5627, 0.3452, 0.2727)
contains.

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Color

Yxy(53.7529, 0.3450, 0.2730)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6DD
RGB	255, 166, 221
RGB Percent	100%, 65%, 87%
CMY	0.0000, 0.3490, 0.1333
CMYK	0.00, 0.35, 0.13, 0.00
HSL	323°, 100%, 83%
HSV	323°, 35%, 100%
XYZ	67.9295, 53.7529, 75.2147
YIQ	198.8810, 35.3890, 35.9730

Conversions

Conversions Part 2

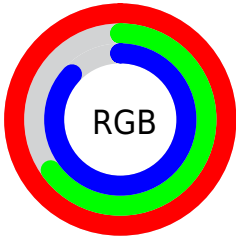
Format	Color
R _Y B	255, 166, 221
Decimal	16754397
CIE Lab	78.32, 40.50, -14.18
CIE LCh	78, 42.908, 340.700
Yxy	53.7529, 0.3450, 0.2730
Android (android.graphics.Color)	4294944477 (0xFFFFA6DD)
YUV	198.8810, 10.9047, 49.2164
Hunter-Lab	73.3164, 37.0812, -9.5037

Details

The Yxy color **53.7529, 0.3450, 0.2730** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.7967, 0.2903, 0.3929**, and the grayscale version is **56.9543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **26.2118, 0.3529, 0.2591** is the 20% darker color. If you saturate the color by 10%, you get **44.8809, 0.3580, 0.2571**, and if you desaturate by 10%, it is **64.4972, 0.3338, 0.2895**.

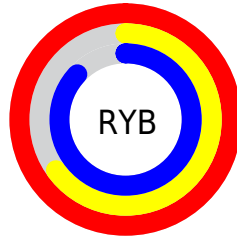
Distribution



Red (100%)

Green (65%)

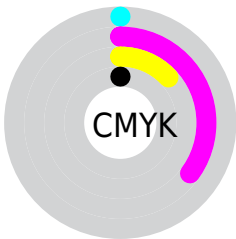
Blue (87%)



Red (100%)

Yellow (65%)

Blue (87%)

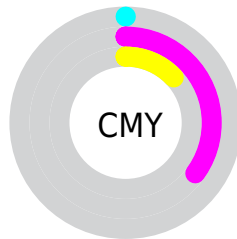


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7529, 0.3450, 0.2730 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 53.7529, 0.3450, 0.2730 by changing the saturation by 10% instead.


 53.7529, 0.3450,
0.2730


 53.7529, 0.3450,
0.2730

401.1670, 0.3299,
0.2990

 38.4041, 0.3485,
0.2671


 95.7113, 0.3397,
0.2820

 26.2965, 0.3528,
0.2597


 123.0898, 0.3377,
0.2855

 17.0456, 0.3583,
0.2504


155.2470, 0.3359,
0.2886

 10.2670, 0.3656,
0.2383

192.5672, 0.3344,
0.2912

 5.5763, 0.3755,
0.2219

235.4350, 0.3331,
0.2935

 2.5892, 0.3898,
0.1985

284.2346, 0.3319,

 0.9213, 0.4123,

0.2955

0.1628

339.3505, 0.3308,
0.2974

0.0000, 0.5071,
0.0000

0.0000, 0.0000,
0.0000

53.7529, 0.3450,
0.2730

53.7529, 0.3450,
0.2730

44.8809, 0.3580,
0.2571

64.4972, 0.3338,
0.2895

37.7650, 0.3727,
0.2427

77.2079, 0.3242,
0.3058

32.2862, 0.3889,
0.2310

91.9807, 0.3162,
0.3216

28.3076, 0.4061,
0.2231

100.0000, 0.3127,
0.3290

■ 25.6702, 0.4237,
0.2201

■ 24.1780, 0.4410,
0.2223

■ 23.7161, 0.4497,
0.2251

Harmonies

Analogous

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



53.7529, 0.2871, 0.2474



53.7529, 0.3450, 0.2730



53.7529, 0.3976, 0.3111

Triad

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



53.7529, 0.3450, 0.2730



53.7529, 0.3831, 0.4277



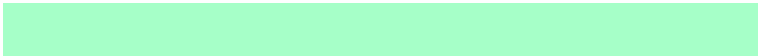
53.7529, 0.2119, 0.2863

Complementary

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



53.7529, 0.3450, 0.2730



83.7967, 0.2903, 0.3929

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.



53.7529, 0.2327, 0.3400



53.7529, 0.3450, 0.2730



53.7529, 0.3301, 0.4301

Square

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



53.7529, 0.3450, 0.2730



53.7529, 0.4189, 0.3977



53.7529, 0.2751, 0.3965



53.7529, 0.2149, 0.2515

Rectangle

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



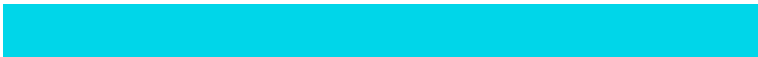
53.7529, 0.3450, 0.2730



53.7529, 0.4197, 0.3403



53.7529, 0.2751, 0.3965



53.7529, 0.2162, 0.3025

Sweetspot

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



53.7551, 0.3450, 0.2730



84.1844, 0.3201, 0.3136



46.5859, 0.2724, 0.2301



17.5797, 0.3212, 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.



53.7551, 0.3450, 0.2730



47.2690, 0.3540, 0.2616



51.7427, 0.3850, 0.3167



18.1759, 0.3197, 0.3144



12.4222, 0.4470, 0.2236



1.2308, 0.4287, 0.2135

Inverse Universe

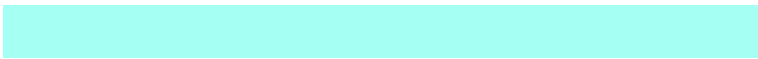
The Inverse Universe completely reimagines the original color for something new.



53.7551, 0.3450, 0.2730



47.2690, 0.3540, 0.2616



86.1065, 0.2689, 0.3420



18.1759, 0.3197, 0.3144



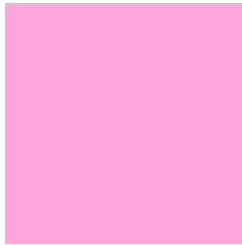
12.4222, 0.4470, 0.2236



1.2308, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 53.7529, 0.3450, 0.2730 looks on a white background.

Color Contrast Check

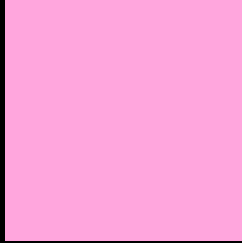
Large Text (above 18pt) WCAG AA × Fail

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 53.7529, 0.3450, 0.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

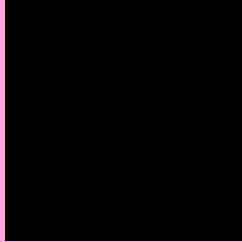
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7529, 0.3450, 0.2730

Background



This preview shows how black text looks on a background with the Yxy color 53.7529, 0.3450, 0.2730.



This preview shows how white text looks on a background with the Yxy color 53.7529, 0.3450, 0.2730.

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

53.7529, 0.3450, 0.2730

Protanopia

53.9985, 0.2736, 0.2738

Deuteranopia

53.9615, 0.3023, 0.2962



Tritanopia

53.9415, 0.3718, 0.3154

Trichromacy



Original Color

53.7529, 0.3450, 0.2730



Protanomaly

53.2485, 0.2970, 0.2736



Deuteranomaly

53.4819, 0.3172, 0.2875



Tritanomaly

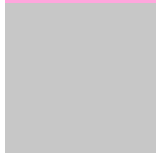
53.5684, 0.3615, 0.2987

Monochromacy



Original Color

53.7529, 0.3450, 0.2730



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1057, 0.3237, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7529, 0.3450, 0.2730 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 221) }
```

Border

The CSS property to change the border of an element to Yxy 53.7529, 0.3450, 0.2730 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, 221) }
```

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

```
.border{ border-color:rgb(255, 166, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7529, 0.3450, 0.2730 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
166, 221) }
```

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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