

Converting Colors

$Y_{xy}(53.0028, 0.3412, 0.2657)$

Have a look what the booklet for
Yxy(53.0028, 0.3412, 0.2657)
contains.

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Color

Yxy(52.9454, 0.3410, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3E2
RGB	255, 163, 226
RGB Percent	100%, 64%, 89%
CMY	0.0001, 0.3607, 0.1138
CMYK	0.00, 0.36, 0.11, 0.00
HSL	319°, 100%, 82%
HSV	319°, 36%, 100%
XYZ	68.0527, 52.9454, 78.5699
YIQ	197.6900, 34.6090, 39.0970

Conversions

Conversions Part 2

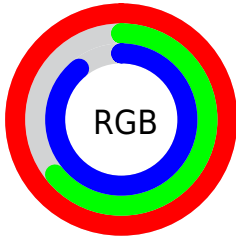
Format	Color
R _Y B	255, 163, 226
Decimal	16753634
CIE Lab	77.84, 42.81, -17.59
CIE LCh	78, 46.285, 337.663
Yxy	52.9454, 0.3410, 0.2653
Android (android.graphics.Color)	4294943714 (0xFFFFA3E2)
YUV	197.6900, 13.9568, 50.2609
Hunter-Lab	72.7636, 39.6072, -13.0867

Details

The Yxy color **52.9454, 0.3410, 0.2653** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0936, 0.2928, 0.4030**, and the grayscale version is **56.1739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.7479, 0.3473, 0.2495** is the 20% darker color. If you saturate the color by 10%, you get **44.3553, 0.3518, 0.2481**, and if you desaturate by 10%, it is **63.3862, 0.3315, 0.2833**.

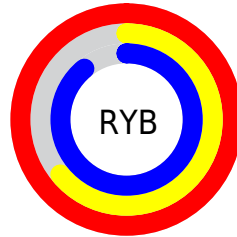
Distribution



Red (100%)

Green (64%)

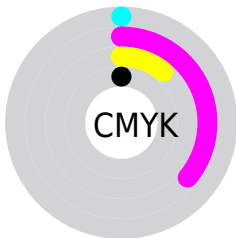
Blue (89%)



Red (100%)

Yellow (64%)

Blue (89%)

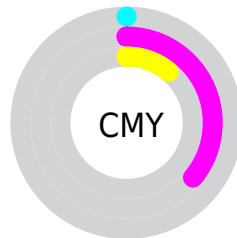


Cyan (0%)

Magenta (36%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9454, 0.3410, 0.2653 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 52.9454, 0.3410, 0.2653 by changing the saturation by 10% instead.

 52.9454, 0.3410,
0.2653

 52.9454, 0.3410,
0.2653


398.0756, 0.3280,
0.2947

 37.7592, 0.3439,
0.2586

 94.5240, 0.3365,
0.2755

 25.7958, 0.3476,
0.2504


 121.6852, 0.3348,
0.2794

 16.6710, 0.3521,
0.2401

153.6069, 0.3332,
0.2828

 10.0002, 0.3580,
0.2267

190.6733, 0.3319,
0.2858

 5.3991, 0.3659,
0.2086

233.2691, 0.3308,
0.2884

 2.4833, 0.3769,
0.1832

281.7784, 0.3297,

 0.8682, 0.3932,

0.2908

0.1455

336.5858, 0.3288,
0.2928

0.0000, 0.4576,
0.0000

0.0000, 0.0000,
0.0000

52.9454, 0.3410,
0.2653

52.9454, 0.3410,
0.2653

44.3553, 0.3518,
0.2481

63.3862, 0.3315,
0.2833

37.4980, 0.3638,
0.2326

75.7716, 0.3234,
0.3013

32.2533, 0.3768,
0.2200

90.1982, 0.3164,
0.3188

28.4828, 0.3904,
0.2114

99.9934, 0.3127,
0.3290

■ 26.0241, 0.4042,
0.2075

■ 24.6760, 0.4176,
0.2088

■ 24.3322, 0.4228,
0.2103

Harmonies

Analogous

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



52.9454, 0.2790, 0.2396



52.9454, 0.3410, 0.2653



52.9454, 0.3999, 0.3048

Triad

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



52.9454, 0.3410, 0.2653



52.9454, 0.3932, 0.4333



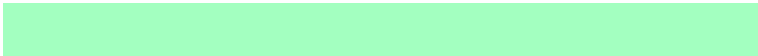
52.9454, 0.2054, 0.2873

Complementary

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



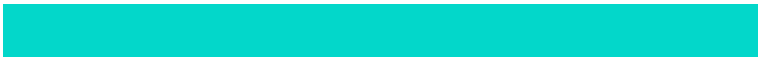
52.9454, 0.3410, 0.2653



83.0936, 0.2928, 0.4030

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.



52.9454, 0.2299, 0.3471



52.9454, 0.3410, 0.2653



52.9454, 0.3371, 0.4408

Square

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



52.9454, 0.3410, 0.2653



52.9454, 0.4297, 0.3979



52.9454, 0.2773, 0.4081



52.9454, 0.2062, 0.2479

Rectangle

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



52.9454, 0.3410, 0.2653



52.9454, 0.4261, 0.3356



52.9454, 0.2773, 0.4081



52.9454, 0.2108, 0.3056

Sweetspot

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



52.9478, 0.3410, 0.2653



82.8343, 0.3197, 0.3102



44.4480, 0.2662, 0.2252



17.3150, 0.3206, 0.3079



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.



52.9478, 0.3410, 0.2653



46.8081, 0.3484, 0.2532



50.8112, 0.3825, 0.3099



18.1972, 0.3187, 0.3129



12.7463, 0.4207, 0.2091



1.2609, 0.4064, 0.2013

Inverse Universe

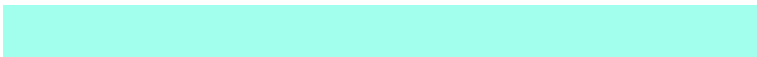
The Inverse Universe completely reimagines the original color for something new.



52.9478, 0.3410, 0.2653



46.8081, 0.3484, 0.2532



85.3771, 0.2706, 0.3495



18.1972, 0.3187, 0.3129



12.7463, 0.4207, 0.2091



1.2609, 0.4064, 0.2013

Previews

White Background



This preview shows how the Yxy color 52.9454, 0.3410, 0.2653 looks on a white background.

Color Contrast Check

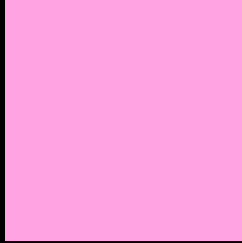
Large Text (above 18pt) WCAG AA × Fail

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 52.9454, 0.3410, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

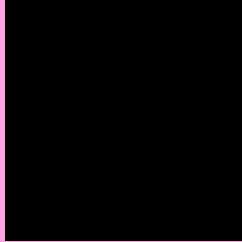
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9454, 0.3410, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 52.9454, 0.3410, 0.2653.



This preview shows how white text looks on a background with the Yxy color 52.9454, 0.3410, 0.2653.

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

52.9454, 0.3410, 0.2653

Protanopia

53.4379, 0.2672, 0.2658

Deuteranopia

53.1927, 0.2963, 0.2902



Tritanopia

52.9105, 0.3733, 0.3153

Trichromacy



Original Color

52.9454, 0.3410, 0.2653



Protanomaly

52.4862, 0.2911, 0.2649



Deuteranomaly

52.6280, 0.3117, 0.2797



Tritanomaly

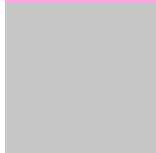
52.8242, 0.3619, 0.2966

Monochromacy



Original Color

52.9454, 0.3410, 0.2653



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.3121, 0.3231, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9454, 0.3410, 0.2653 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, 163, 226)` looks like.

```
.text, #text, p{  
  color:rgb(255, 163, 226)  
}
```

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, 163, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.9454, 0.3410, 0.2653 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, 163, 226) }
```

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

```
.border{ border-color:rgb(255, 163, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 163, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 163, 226); box-shadow:4px 4px 4px 4px rgb(255, 163, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9454, 0.3410, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 226) }
```

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

```
.background{ background-color: rgb(255,  
163, 226) }
```

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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