

Converting Colors

$Y_{xy}(64.8325, 0.3782, 0.2717)$

Have a look what the booklet for
Yxy(64.8325, 0.3782, 0.2717)
contains.

Yxy(53.9398, 0.3365, 0.2626)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.9398, 0.3365, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5E7
RGB	255, 165, 231
RGB Percent	100%, 65%, 91%
CMY	0.0000, 0.3529, 0.0942
CMYK	0.00, 0.35, 0.09, 0.00
HSL	316°, 100%, 82%
HSV	316°, 35%, 100%
XYZ	69.1194, 53.9398, 82.3475
YIQ	199.4340, 32.4540, 39.6060

Conversions

Conversions Part 2

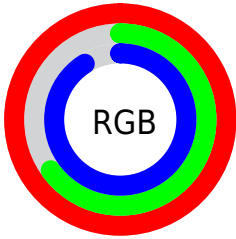
Format	Color
R _Y B	255, 165, 231
Decimal	16754151
CIE Lab	78.43, 42.62, -19.41
CIE LCh	78, 46.834, 335.510
Yxy	53.9398, 0.3365, 0.2626
Android (android.graphics.Color)	4294944231 (0xFFFFA5E7)
YUV	199.4340, 15.5620, 48.7314
Hunter-Lab	73.4437, 39.4634, -15.0673

Details

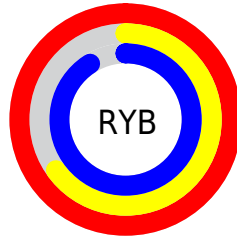
The Yxy color **53.9398, 0.3365, 0.2626** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.1952, 0.2954, 0.4064**, and the grayscale version is **57.2792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **26.3343, 0.3422, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **45.2620, 0.3455, 0.2443**, and if you desaturate by 10%, it is **64.4655, 0.3285, 0.2817**.

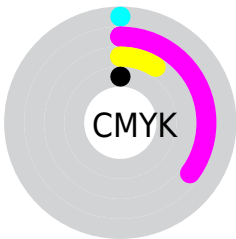
Distribution



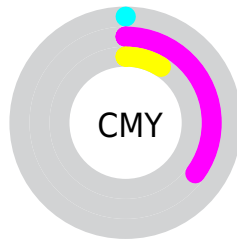
- Red (100%)
- Green (65%)
- Blue (91%)



- Red (100%)
- Yellow (65%)
- Blue (91%)



- Cyan (0%)
- Magenta (35%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9398, 0.3365, 0.2626 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 53.9398, 0.3365, 0.2626 by changing the saturation by 10% instead.


 53.9398, 0.3365,
0.2626


 53.9398, 0.3365,
0.2626


401.8804, 0.3258,
0.2931

 38.5535, 0.3389,
0.2557


 95.9858, 0.3328,
0.2731

 26.4126, 0.3418,
0.2473


 123.4144, 0.3314,
0.2772

 17.1326, 0.3453,
0.2367


155.6259, 0.3302,
0.2807

 10.3290, 0.3499,
0.2231

193.0046, 0.3291,
0.2838

 5.6177, 0.3558,
0.2049

235.9351, 0.3281,
0.2866

 2.6140, 0.3638,
0.1795

284.8016, 0.3272,

 0.9337, 0.3748,

0.2890

0.1422

339.9886, 0.3265,
0.2911

■ 0.0000, 0.4254,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9398, 0.3365,
0.2626

■ 53.9398, 0.3365,
0.2626

■ 45.2620, 0.3455,
0.2443

■ 64.4655, 0.3285,
0.2817

■ 38.3236, 0.3555,
0.2277

■ 76.9409, 0.3215,
0.3009

■ 33.0028, 0.3662,
0.2140

■ 91.4591, 0.3155,
0.3195

■ 29.1624, 0.3774,
0.2042

100.0000, 0.3127,
0.3290

■ 26.6426, 0.3885,
0.1991

■ 25.2460, 0.3993,
0.1989

■ 24.8442, 0.4043,
0.2001

Harmonies

Analogous

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



53.9398, 0.2747, 0.2380



53.9398, 0.3365, 0.2626



53.9398, 0.3967, 0.3015

Triad

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



53.9398, 0.3365, 0.2626



53.9398, 0.3971, 0.4320



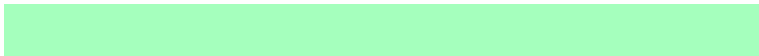
53.9398, 0.2058, 0.2908

Complementary

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



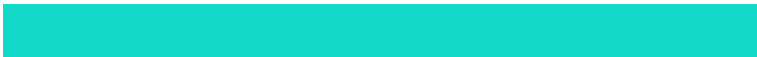
53.9398, 0.3365, 0.2626



83.1952, 0.2954, 0.4064

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.



53.9398, 0.2322, 0.3519



53.9398, 0.3365, 0.2626



53.9398, 0.3415, 0.4422

Square

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



53.9398, 0.3365, 0.2626



53.9398, 0.4319, 0.3951



53.9398, 0.2811, 0.4122



53.9398, 0.2048, 0.2495

Rectangle

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



53.9398, 0.3365, 0.2626



53.9398, 0.4246, 0.3322



53.9398, 0.2811, 0.4122



53.9398, 0.2118, 0.3096

Sweetspot

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



53.9394, 0.3365, 0.2626



82.9178, 0.3188, 0.3090



44.9507, 0.2652, 0.2271



17.3350, 0.3196, 0.3064



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.



53.9394, 0.3365, 0.2626



47.9217, 0.3424, 0.2502



51.7168, 0.3775, 0.3072



18.2127, 0.3179, 0.3117



13.0078, 0.4026, 0.1992



1.2847, 0.3912, 0.1928

Inverse Universe

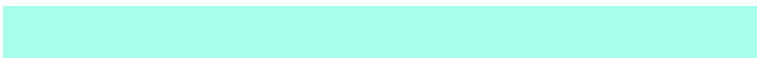
The Inverse Universe completely reimagines the original color for something new.



53.9394, 0.3365, 0.2626



47.9217, 0.3424, 0.2502



85.4603, 0.2728, 0.3525



18.2127, 0.3179, 0.3117



13.0078, 0.4026, 0.1992



1.2847, 0.3912, 0.1928

Previews

White Background



This preview shows how the Yxy color 53.9398, 0.3365, 0.2626 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 53.9398, 0.3365, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

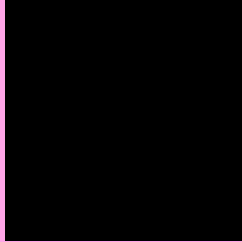
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9398, 0.3365, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 53.9398, 0.3365, 0.2626.



This preview shows how white text looks on a background with the Yxy color 53.9398, 0.3365, 0.2626.

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

53.9398, 0.3365, 0.2626

Protanopia

54.3047, 0.2650, 0.2620

Deuteranopia

54.3237, 0.2929, 0.2870



Tritanopia

53.7990, 0.3700, 0.3143

Trichromacy



Original Color

53.9398, 0.3365, 0.2626



Protanomaly

53.1924, 0.2877, 0.2610



Deuteranomaly

53.7093, 0.3078, 0.2768



Tritanomaly

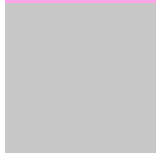
53.7567, 0.3578, 0.2946

Monochromacy



Original Color

53.9398, 0.3365, 0.2626



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.3039, 0.3206, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9398, 0.3365, 0.2626 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, 165, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 231)  
}
```

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, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 231) }
```

Border

The CSS property to change the border of an element to Yxy 53.9398, 0.3365, 0.2626 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, 165, 231) }
```

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

```
.border{ border-color:rgb(255, 165, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9398, 0.3365, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 231) }
```

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

```
.background{ background-color: rgb(255,  
165, 231) }
```

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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