

Converting Colors

$Yxy(92.9698, 0.4694, 0.2989)$

Have a look what the booklet for
Yxy(92.9698, 0.4694, 0.2989)
contains.

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Color

Yxy(51.8038, 0.3546, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2D3
RGB	255, 162, 211
RGB Percent	100%, 64%, 83%
CMY	0.0001, 0.3646, 0.1725
CMYK	0.00, 0.36, 0.17, 0.00
HSL	328°, 100%, 82%
HSV	328°, 36%, 100%
XYZ	65.9118, 51.8038, 68.1609
YIQ	195.3930, 39.6990, 34.9550

Conversions

Conversions Part 2

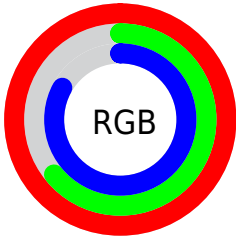
Format	Color
R _Y B	255, 162, 211
Decimal	16753363
CIE _{Lab}	77.16, 41.00, -10.46
CIE _{LCh}	77, 42.314, 345.685
Y _{xy}	51.8038, 0.3546, 0.2787
Android (android.graphics.Color)	4294943443 (0xFFFFA2D3)
Y _{UV}	195.3930, 7.6943, 52.2753
Hunter-Lab	71.9749, 37.5075, -5.7658

Details

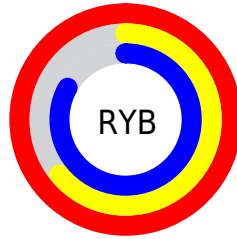
The Yxy color **51.8038, 0.3546, 0.2787** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.6415, 0.2852, 0.3860**, and the grayscale version is **54.7574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **25.2079, 0.3662, 0.2676** is the 20% darker color. If you saturate the color by 10%, you get **43.1321, 0.3713, 0.2651**, and if you desaturate by 10%, it is **62.3468, 0.3403, 0.2929**.

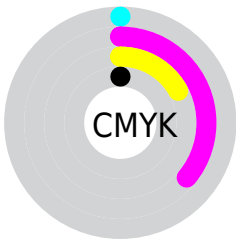
Distribution



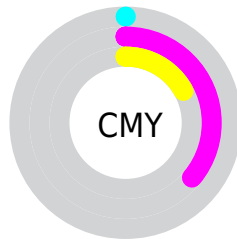
- Red (100%)
- Green (64%)
- Blue (83%)



- Red (100%)
- Yellow (64%)
- Blue (83%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8038, 0.3546, 0.2787 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 51.8038, 0.3546, 0.2787 by changing the saturation by 10% instead.

 51.8038, 0.3546,
0.2787


 51.8038, 0.3546,
0.2787

393.6787, 0.3345,
0.3024

 36.8487, 0.3593,
0.2732


 92.8418, 0.3475,
0.2870

 25.0904, 0.3653,
0.2664


 119.6935, 0.3448,
0.2902

 16.1444, 0.3730,
0.2576


151.2796, 0.3425,
0.2929

 9.6264, 0.3833,
0.2461

187.9844, 0.3405,
0.2953

 5.1520, 0.3978,
0.2302

230.1923, 0.3387,
0.2974

 2.3367, 0.4195,
0.2071

278.2877, 0.3372,

 0.7930, 0.4559,

0.2993

0.1702

332.6551, 0.3358,
0.3009

■ 0.0000, 0.6433,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8038, 0.3546,
0.2787

■ 51.8038, 0.3546,
0.2787

■ 43.1321, 0.3713,
0.2651

■ 62.3468, 0.3403,
0.2929

■ 36.2126, 0.3905,
0.2531

■ 74.8562, 0.3283,
0.3070

■ 30.9240, 0.4118,
0.2438

■ 89.4292, 0.3183,
0.3206

■ 27.1262, 0.4347,
0.2385

99.9949, 0.3127,
0.3290

■ 24.6550, 0.4580,
0.2383

■ 23.3053, 0.4806,
0.2437

■ 22.9870, 0.4884,
0.2464

Harmonies

Analogous

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



51.8038, 0.2963, 0.2507



51.8038, 0.3546, 0.2787



51.8038, 0.4042, 0.3182

Triad

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



51.8038, 0.3546, 0.2787



51.8038, 0.3750, 0.4302



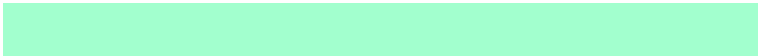
51.8038, 0.2109, 0.2791

Complementary

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



51.8038, 0.3546, 0.2787



83.6415, 0.2852, 0.3860

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.



51.8038, 0.2277, 0.3303



51.8038, 0.3546, 0.2787



51.8038, 0.3207, 0.4268

Square

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



51.8038, 0.3546, 0.2787



51.8038, 0.4146, 0.4038



51.8038, 0.2669, 0.3879



51.8038, 0.2178, 0.2480

Rectangle

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



51.8038, 0.3546, 0.2787



51.8038, 0.4228, 0.3477



51.8038, 0.2669, 0.3879



51.8038, 0.2138, 0.2942

Sweetspot

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



51.8062, 0.3546, 0.2787



82.5657, 0.3226, 0.3145



46.1016, 0.2773, 0.2272



17.2509, 0.3239, 0.3127



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.



51.8062, 0.3546, 0.2787



45.1062, 0.3670, 0.2684



49.8233, 0.3988, 0.3260



18.1471, 0.3211, 0.3165



12.0445, 0.4849, 0.2445



1.1948, 0.4611, 0.2314

Inverse Universe

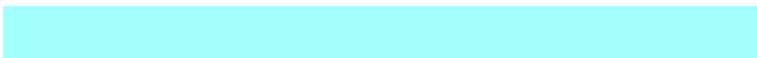
The Inverse Universe completely reimagines the original color for something new.



51.8062, 0.3546, 0.2787



45.1062, 0.3670, 0.2684



86.2066, 0.2629, 0.3323



18.1471, 0.3211, 0.3165



12.0445, 0.4849, 0.2445



1.1948, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 51.8038, 0.3546, 0.2787 looks on a white background.

Color Contrast Check

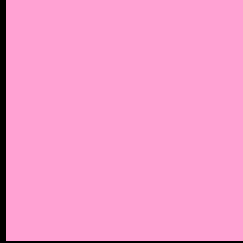
Large Text (above 18pt) WCAG AA × Fail

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 51.8038, 0.3546, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

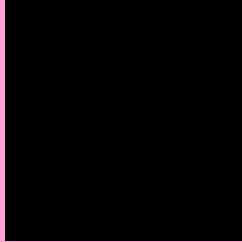
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8038, 0.3546, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 51.8038, 0.3546, 0.2787.



This preview shows how white text looks on a background with the Yxy color 51.8038, 0.3546, 0.2787.

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

51.8038, 0.3546, 0.2787

Protanopia

52.1196, 0.2797, 0.2811

Deuteranopia

52.1794, 0.3098, 0.3040



Tritanopia

51.9960, 0.3797, 0.3165

Trichromacy



Original Color

51.8038, 0.3546, 0.2787



Protanomaly

51.0694, 0.3043, 0.2795



Deuteranomaly

51.3705, 0.3255, 0.2937



Tritanomaly

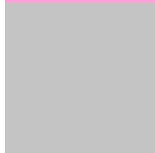
51.9167, 0.3707, 0.3029

Monochromacy



Original Color

51.8038, 0.3546, 0.2787



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.8357, 0.3272, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8038, 0.3546, 0.2787 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 211) }
```

Border

The CSS property to change the border of an element to Yxy 51.8038, 0.3546, 0.2787 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, 211) }
```

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

```
.border{ border-color:rgb(255, 162, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8038, 0.3546, 0.2787 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
162, 211) }
```

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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