

Converting Colors

Yxy(89.3824, 0.4622, 0.2969)

Have a look what the booklet for
Yxy(89.3824, 0.4622, 0.2969)
contains.

Yxy(51.5032, 0.3539, 0.2767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.5032, 0.3539, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1D4
RGB	255, 161, 212
RGB Percent	100%, 63%, 83%
CMY	0.0000, 0.3686, 0.1686
CMYK	0.00, 0.37, 0.17, 0.00
HSL	327°, 100%, 82%
HSV	327°, 37%, 100%
XYZ	65.8727, 51.5032, 68.7578
YIQ	194.9200, 39.6530, 35.7890

Conversions

Conversions Part 2

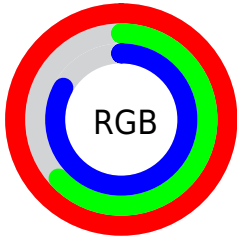
Format	Color
R _Y B	255, 161, 212
Decimal	16753108
CIE Lab	76.98, 41.69, -11.27
CIE LCh	77, 43.188, 344.871
Yxy	51.5032, 0.3539, 0.2767
Android (android.graphics.Color)	4294943188 (0xFFFFA1D4)
YUV	194.9200, 8.4204, 52.6902
Hunter-Lab	71.7657, 38.2525, -6.5690

Details

The Yxy color **51.5032, 0.3539, 0.2767** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4563, 0.2856, 0.3885**, and the grayscale version is **54.4529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **25.0298, 0.3651, 0.2651** is the 20% darker color. If you saturate the color by 10%, you get **42.9133, 0.3701, 0.2628**, and if you desaturate by 10%, it is **61.9518, 0.3400, 0.2913**.

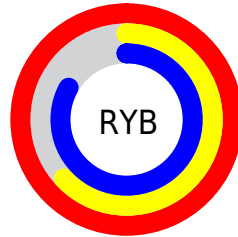
Distribution



Red (100%)

Green (63%)

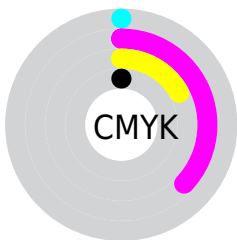
Blue (83%)



Red (100%)

Yellow (63%)

Blue (83%)

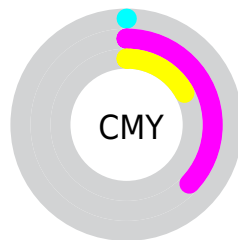


Cyan (0%)

Magenta (37%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5032, 0.3539, 0.2767 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 51.5032, 0.3539, 0.2767 by changing the saturation by 10% instead.


 51.5032, 0.3539,
0.2767


 51.5032, 0.3539,
0.2767

392.5157, 0.3342,
0.3013

 36.6092, 0.3586,
0.2710


 92.3982, 0.3469,
0.2853

 24.9051, 0.3644,
0.2639

 119.1679, 0.3443,
0.2886

 16.0064, 0.3719,
0.2549


150.6651, 0.3420,
0.2915

 9.5286, 0.3819,
0.2430

187.2741, 0.3400,
0.2940

 5.0876, 0.3960,
0.2266

229.3792, 0.3383,
0.2961

 2.2987, 0.4171,
0.2029

277.3649, 0.3368,

 0.7730, 0.4523,

0.2981

0.1649

331.6156, 0.3354,
0.2998

0.0000, 0.6227,
0.0000

0.0000, 0.0000,
0.0000

51.5032, 0.3539,
0.2767

51.5032, 0.3539,
0.2767

42.9133, 0.3701,
0.2628

61.9518, 0.3400,
0.2913

36.0715, 0.3886,
0.2505

74.3633, 0.3283,
0.3058

30.8530, 0.4092,
0.2410

88.8323, 0.3185,
0.3198

27.1170, 0.4311,
0.2355

100.0000, 0.3127,
0.3290

■ 24.6981, 0.4534,
0.2352

■ 23.3872, 0.4751,
0.2404

■ 23.1055, 0.4817,
0.2427

Harmonies

Analogous

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



51.5032, 0.2943, 0.2486



51.5032, 0.3539, 0.2767



51.5032, 0.4052, 0.3167

Triad

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



51.5032, 0.3539, 0.2767



51.5032, 0.3775, 0.4321



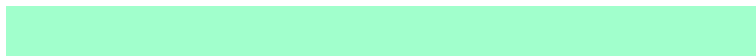
51.5032, 0.2090, 0.2790

Complementary

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



51.5032, 0.3539, 0.2767



83.4563, 0.2856, 0.3885

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.



51.5032, 0.2267, 0.3318



51.5032, 0.3539, 0.2767



51.5032, 0.3223, 0.4298

Square

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



51.5032, 0.3539, 0.2767



51.5032, 0.4175, 0.4042



51.5032, 0.2672, 0.3908



51.5032, 0.2154, 0.2469

Rectangle

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



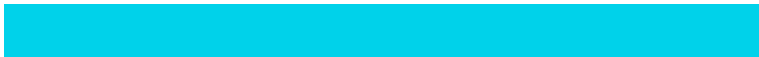
51.5032, 0.3539, 0.2767



51.5032, 0.4248, 0.3467



51.5032, 0.2672, 0.3908



51.5032, 0.2122, 0.2947

Sweetspot

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



51.5027, 0.3539, 0.2767



82.5918, 0.3223, 0.3141



45.4476, 0.2756, 0.2257



17.2571, 0.3236, 0.3122



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.



51.5027, 0.3539, 0.2767



45.1892, 0.3652, 0.2667



49.4912, 0.3987, 0.3243



18.1520, 0.3209, 0.3162



12.1036, 0.4784, 0.2409



1.2006, 0.4554, 0.2282

Inverse Universe

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



51.5027, 0.3539, 0.2767



45.1892, 0.3652, 0.2667



86.0178, 0.2631, 0.3341



18.1520, 0.3209, 0.3162



12.1036, 0.4784, 0.2409



1.2006, 0.4554, 0.2282

Previews

White Background



This preview shows how the Yxy color 51.5032, 0.3539, 0.2767 looks on a white background.

Color Contrast Check

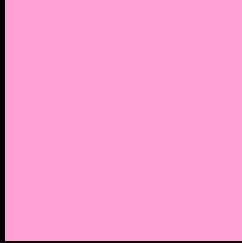
Large Text (above 18pt) WCAG AA × Fail

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 51.5032, 0.3539, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

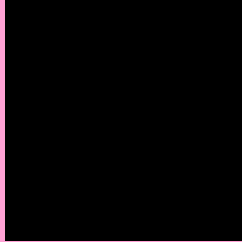
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5032, 0.3539, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 51.5032, 0.3539, 0.2767.



This preview shows how white text looks on a background with the Yxy color 51.5032, 0.3539, 0.2767.

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

51.5032, 0.3539, 0.2767

Protanopia

51.9321, 0.2776, 0.2797

Deuteranopia

51.6695, 0.3083, 0.3015



Tritanopia

51.4420, 0.3791, 0.3153

Trichromacy



Original Color

51.5032, 0.3539, 0.2767



Protanomaly

50.9778, 0.3028, 0.2783



Deuteranomaly

51.0263, 0.3248, 0.2915



Tritanomaly

51.4115, 0.3691, 0.3007

Monochromacy



Original Color

51.5032, 0.3539, 0.2767



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 51.5032, 0.3539, 0.2767 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, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 212)  
}
```

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, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.5032, 0.3539, 0.2767 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, 161, 212) }
```

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

```
.border{ border-color:rgb(255, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5032, 0.3539, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 212) }
```

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

```
.background{ background-color: rgb(255,  
161, 212) }
```

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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