

Converting Colors

Yxy(58.4681, 0.3875, 0.2823)

Have a look what the booklet for
Yxy(58.4681, 0.3875, 0.2823)
contains.

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Color

Yxy(50.7594, 0.3552, 0.2757)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FD3
RGB	255, 159, 211
RGB Percent	100%, 62%, 83%
CMY	0.0000, 0.3765, 0.1727
CMYK	0.00, 0.38, 0.17, 0.00
HSL	328°, 100%, 81%
HSV	328°, 38%, 100%
XYZ	65.3962, 50.7594, 67.9554
YIQ	193.6320, 40.5240, 36.5240

Conversions

Conversions Part 2

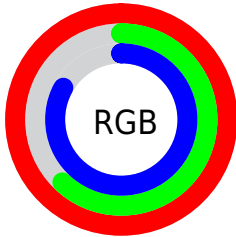
Format	Color
R_{YB}	255, 159, 211
Decimal	16752595
CIE _{Lab}	76.53, 42.56, -11.38
CIE _{LCh}	77, 44.054, 345.034
Yxy	50.7594, 0.3552, 0.2757
Android (android.graphics.Color)	4294942675 (0xFFFF9FD3)
YUV	193.6320, 8.5624, 53.8197
Hunter-Lab	71.2456, 39.1649, -6.6799

Details

The Yxy color **50.7594, 0.3552, 0.2757** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.2049, 0.2851, 0.3899**, and the grayscale version is **53.6487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **24.5787, 0.3669, 0.2638** is the 20% darker color. If you saturate the color by 10%, you get **42.3093, 0.3716, 0.2619**, and if you desaturate by 10%, it is **61.0602, 0.3411, 0.2902**.

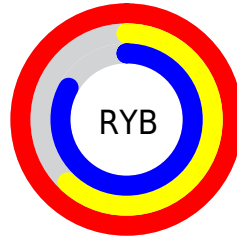
Distribution



Red (100%)

Green (62%)

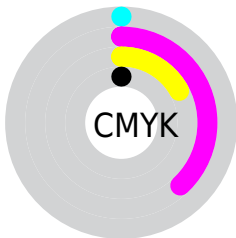
Blue (83%)



Red (100%)

Yellow (62%)

Blue (83%)

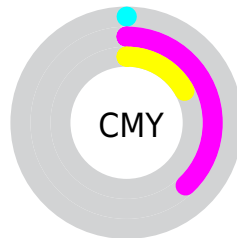


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7594, 0.3552, 0.2757 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 50.7594, 0.3552, 0.2757 by changing the saturation by 10% instead.


 50.7594, 0.3552,
0.2757

 50.7594, 0.3552,
0.2757


389.6283, 0.3349,
0.3008

 36.0172, 0.3600,
0.2699


 91.2990, 0.3480,
0.2845

 24.4475, 0.3661,
0.2626


 117.8652, 0.3452,
0.2879

 15.6659, 0.3739,
0.2534


149.1415, 0.3429,
0.2908

 9.2880, 0.3843,
0.2412

185.5123, 0.3408,
0.2933

 4.9295, 0.3990,
0.2244

227.3619, 0.3391,
0.2955

 2.2060, 0.4210,
0.2000

275.0749, 0.3375,

 0.7232, 0.4585,

0.2975

0.1600

329.0356, 0.3361,
0.2992

0.0000, 0.6410,
0.0000

0.0000, 0.0000,
0.0000

50.7594, 0.3552,
0.2757

50.7594, 0.3552,
0.2757

42.3093, 0.3716,
0.2619

61.0602, 0.3411,
0.2902

35.5983, 0.3904,
0.2498

73.3163, 0.3291,
0.3047

30.5004, 0.4111,
0.2406

87.6229, 0.3192,
0.3188

26.8734, 0.4332,
0.2356

100.0000, 0.3127,
0.3290

■ 24.5492, 0.4556,
0.2357

■ 23.3069, 0.4773,
0.2413

■ 23.0958, 0.4823,
0.2431

Harmonies

Analogous

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



50.7594, 0.2941, 0.2469



50.7594, 0.3552, 0.2757



50.7594, 0.4077, 0.3165

Triad

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



50.7594, 0.3552, 0.2757



50.7594, 0.3787, 0.4347



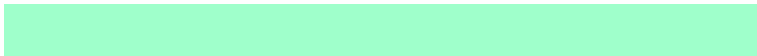
50.7594, 0.2066, 0.2774

Complementary

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



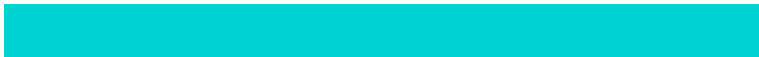
50.7594, 0.3552, 0.2757



83.2049, 0.2851, 0.3899

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.



50.7594, 0.2246, 0.3314



50.7594, 0.3552, 0.2757



50.7594, 0.3220, 0.4325

Square

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



50.7594, 0.3552, 0.2757



50.7594, 0.4198, 0.4059



50.7594, 0.2657, 0.3922



50.7594, 0.2133, 0.2448

Rectangle

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



50.7594, 0.3552, 0.2757



50.7594, 0.4277, 0.3471



50.7594, 0.2657, 0.3922



50.7594, 0.2098, 0.2934

Sweetspot

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



50.7590, 0.3552, 0.2757



82.5896, 0.3223, 0.3141



44.6023, 0.2746, 0.2232



17.2566, 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.



50.7590, 0.3552, 0.2757



44.3708, 0.3671, 0.2654



48.7308, 0.4013, 0.3242



18.1516, 0.3209, 0.3162



12.0986, 0.4789, 0.2412



1.2001, 0.4559, 0.2285

Inverse Universe

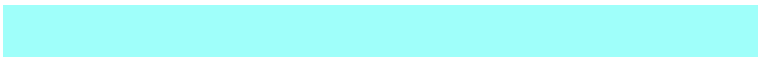
The Inverse Universe completely reimagines the original color for something new.



50.7590, 0.3552, 0.2757



44.3708, 0.3671, 0.2654



85.8060, 0.2623, 0.3342



18.1516, 0.3209, 0.3162



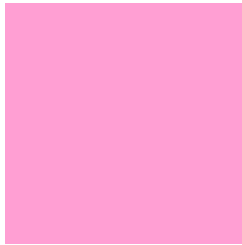
12.0986, 0.4789, 0.2412



1.2001, 0.4559, 0.2285

Previews

White Background



This preview shows how the Yxy color 50.7594, 0.3552, 0.2757 looks on a white background.

Color Contrast Check

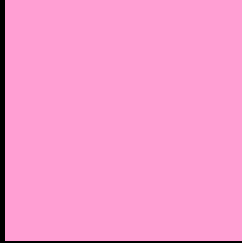
Large Text (above 18pt) WCAG AA × Fail

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 50.7594, 0.3552, 0.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

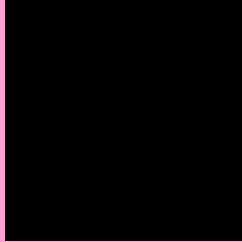
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7594, 0.3552, 0.2757

Background



This preview shows how black text looks on a background with the Yxy color 50.7594, 0.3552, 0.2757.



This preview shows how white text looks on a background with the Yxy color 50.7594, 0.3552, 0.2757.

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

50.7594, 0.3552, 0.2757

Protanopia

50.9571, 0.2767, 0.2772

Deuteranopia

51.0653, 0.3082, 0.3014



Tritanopia

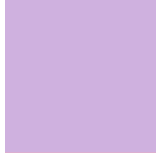
50.6338, 0.3816, 0.3153

Trichromacy



Original Color

50.7594, 0.3552, 0.2757



Protanomaly

50.0374, 0.3020, 0.2758



Deuteranomaly

50.4297, 0.3248, 0.2913



Tritanomaly

50.6075, 0.3715, 0.3006

Monochromacy



Original Color

50.7594, 0.3552, 0.2757



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

51.8168, 0.3274, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7594, 0.3552, 0.2757 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, 159, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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, 159, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 211) }
```

Border

The CSS property to change the border of an element to Yxy 50.7594, 0.3552, 0.2757 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, 159, 211) }
```

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

```
.border{ border-color:rgb(255, 159, 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, 159, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7594, 0.3552, 0.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 211) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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