

Converting Colors

$Yxy(89.6745, 0.4509, 0.3047)$

Have a look what the booklet for
Yxy(89.6745, 0.4509, 0.3047)
contains.

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Color

Yxy(56.6231, 0.3524, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFD3
RGB	255, 175, 211
RGB Percent	100%, 69%, 83%
CMY	0.0000, 0.3138, 0.1725
CMYK	0.00, 0.31, 0.17, 0.00
HSL	333°, 100%, 84%
HSV	333°, 31%, 100%
XYZ	68.3355, 56.6231, 68.9561
YIQ	203.0240, 36.1240, 28.1560

Conversions

Conversions Part 2

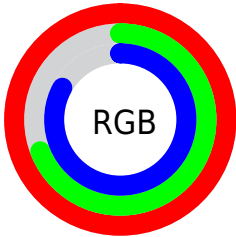
Format	Color
R _Y B	255, 175, 211
Decimal	16756691
CIE Lab	79.97, 34.27, -6.29
CIE LCh	80, 34.847, 349.599
Yxy	56.6231, 0.3524, 0.2920
Android (android.graphics.Color)	4294946771 (0xFFFFAFD3)
YUV	203.0240, 3.9322, 45.5830
Hunter-Lab	75.2483, 30.4173, -1.6584

Details

The Yxy color **56.6231, 0.3524, 0.2920** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.7471, 0.2854, 0.3695**, and the grayscale version is **59.6910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **27.9794, 0.3619, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **46.9413, 0.3706, 0.2799**, and if you desaturate by 10%, it is **68.2347, 0.3371, 0.3042**.

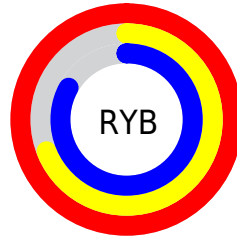
Distribution



Red (100%)

Green (69%)

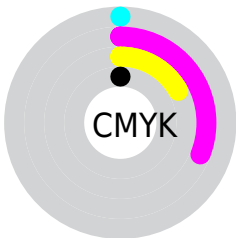
Blue (83%)



Red (100%)

Yellow (69%)

Blue (83%)

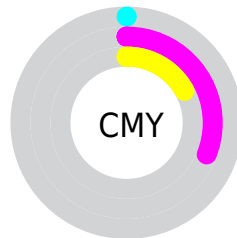


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6231, 0.3524, 0.2920 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 56.6231, 0.3524, 0.2920 by changing the saturation by 10% instead.

 56.6231, 0.3524,
0.2920

 56.6231, 0.3524,
0.2920


412.0355, 0.3335,
0.3094

 40.7027, 0.3569,
0.2880


 99.9150, 0.3457,
0.2981

 28.0869, 0.3625,
0.2829


128.0554, 0.3431,
0.3005

 18.3912, 0.3697,
0.2765


161.0378, 0.3409,
0.3025

 11.2312, 0.3794,
0.2680

199.2468, 0.3390,
0.3042

 6.2225, 0.3930,
0.2562

243.0666, 0.3374,
0.3058

 2.9809, 0.4135,
0.2389

292.8818, 0.3359,

 1.1218, 0.4475,

0.3071

0.2113

349.0766, 0.3346,
0.3083

0.0000, 0.6566,
0.0000

0.0000, 0.0000,
0.0000

56.6231, 0.3524,
0.2920

56.6231, 0.3524,
0.2920

46.9413, 0.3706,
0.2799

68.2347, 0.3371,
0.3042

39.0905, 0.3920,
0.2689

81.8835, 0.3244,
0.3162

32.9498, 0.4163,
0.2598

97.6589, 0.3140,
0.3275

28.3876, 0.4432,
0.2540

100.0000, 0.3127,
0.3290

■ 25.2523, 0.4713,
0.2528

■ 23.3623, 0.4991,
0.2571

■ 22.4925, 0.5216,
0.2647

Harmonies

Analogous

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



56.6231, 0.3059, 0.2671



56.6231, 0.3524, 0.2920



56.6231, 0.3894, 0.3258

Triad

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



56.6231, 0.3524, 0.2920



56.6231, 0.3585, 0.4110



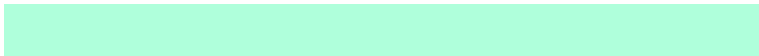
56.6231, 0.2292, 0.2854

Complementary

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



56.6231, 0.3524, 0.2920



85.7471, 0.2854, 0.3695

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.



56.6231, 0.2410, 0.3249



56.6231, 0.3524, 0.2920



56.6231, 0.3141, 0.4032

Square

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



56.6231, 0.3524, 0.2920



56.6231, 0.3920, 0.3941



56.6231, 0.2713, 0.3700



56.6231, 0.2374, 0.2616

Rectangle

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



56.6231, 0.3524, 0.2920



56.6231, 0.4021, 0.3503



56.6231, 0.2713, 0.3700



56.6231, 0.2309, 0.2971

Sweetspot

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



56.6203, 0.3524, 0.2920



85.4350, 0.3218, 0.3189



52.7306, 0.2874, 0.2436



17.8179, 0.3234, 0.3172



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.



56.6203, 0.3524, 0.2920



49.9985, 0.3641, 0.2840



56.0603, 0.3840, 0.3320



18.1230, 0.3223, 0.3183



11.7819, 0.5176, 0.2625



1.1688, 0.4896, 0.2471

Inverse Universe

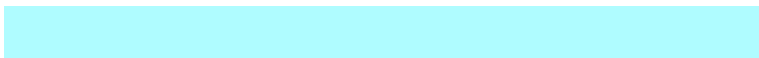
The Inverse Universe completely reimagines the original color for something new.



56.6203, 0.3524, 0.2920



49.9985, 0.3641, 0.2840



86.1633, 0.2673, 0.3260



18.1230, 0.3223, 0.3183



11.7819, 0.5176, 0.2625



1.1688, 0.4896, 0.2471

Previews

White Background



This preview shows how the Yxy color 56.6231, 0.3524, 0.2920 looks on a white background.

Color Contrast Check

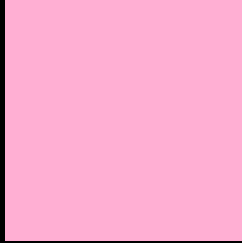
Large Text (above 18pt) WCAG AA × Fail

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 56.6231, 0.3524, 0.2920 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 56.6231, 0.3524, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 56.6231, 0.3524, 0.2920.



This preview shows how white text looks on a background with the Yxy color 56.6231, 0.3524, 0.2920.

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

56.6231, 0.3524, 0.2920

Protanopia

56.8381, 0.2908, 0.2962

Deuteranopia

56.9901, 0.3183, 0.3118



Tritanopia

56.5292, 0.3668, 0.3144

Trichromacy



Original Color

56.6231, 0.3524, 0.2920



Protanomaly

56.1614, 0.3112, 0.2940



Deuteranomaly

56.3793, 0.3305, 0.3036



Tritanomaly

56.6386, 0.3617, 0.3062

Monochromacy



Original Color

56.6231, 0.3524, 0.2920



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.1258, 0.3263, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6231, 0.3524, 0.2920 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, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 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, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 211) }
```

Border

The CSS property to change the border of an element to Yxy 56.6231, 0.3524, 0.2920 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, 175, 211) }
```

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

```
.border{ border-color:rgb(255, 175, 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, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6231, 0.3524, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 211) }
```

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

```
.background{ background-color: rgb(255,  
175, 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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