

Converting Colors

$Y_{xy}(76.2935, 0.4273, 0.3025)$

Have a look what the booklet for
Yxy(76.2935, 0.4273, 0.3025)
contains.

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Color

Yxy(55.6521, 0.3563, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	FFADCF
RGB	255, 173, 207
RGB Percent	100%, 68%, 81%
CMY	0.0000, 0.3215, 0.1884
CMYK	0.00, 0.32, 0.19, 0.00
HSL	335°, 100%, 84%
HSV	335°, 32%, 100%
XYZ	67.4450, 55.6521, 66.1957
YIQ	201.3940, 37.9580, 27.9580

Conversions

Conversions Part 2

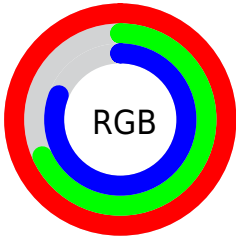
Format	Color
R _Y B	255, 173, 207
Decimal	16756175
CIE Lab	79.42, 34.70, -4.92
CIE LCh	79, 35.045, 351.931
Yxy	55.6521, 0.3563, 0.2940
Android (android.graphics.Color)	4294946255 (0xFFFFADCF)
YUV	201.3940, 2.7638, 47.0125
Hunter-Lab	74.6003, 30.8286, -0.3900

Details

The Yxy color **55.6521, 0.3563, 0.2940** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.6276, 0.2833, 0.3672**, and the grayscale version is **58.6296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **27.6032, 0.3671, 0.2855** is the 20% darker color. If you saturate the color by 10%, you get **46.0922, 0.3761, 0.2829**, and if you desaturate by 10%, it is **67.1488, 0.3397, 0.3053**.

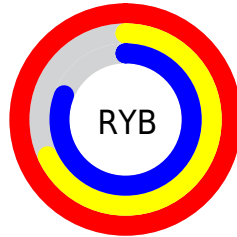
Distribution



Red (100%)

Green (68%)

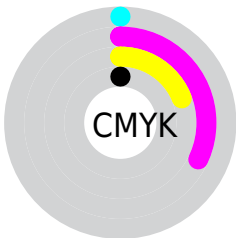
Blue (81%)



Red (100%)

Yellow (68%)

Blue (81%)

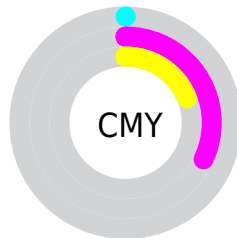


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6521, 0.3563, 0.2940 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 55.6521, 0.3563, 0.2940 by changing the saturation by 10% instead.


 55.6521, 0.3563,
0.2940

 55.6521, 0.3563,
0.2940


408.3791, 0.3354,
0.3106

 39.9241, 0.3613,
0.2901


 98.4957, 0.3489,
0.2998

 27.4793, 0.3675,
0.2853


126.3801, 0.3460,
0.3021

 17.9335, 0.3757,
0.2790


159.0854, 0.3436,
0.3040

 10.9023, 0.3866,
0.2707

196.9960, 0.3415,
0.3057

 6.0012, 0.4020,
0.2592

240.4962, 0.3397,
0.3071

 2.8458, 0.4254,
0.2421

289.9706, 0.3381,

 1.0518, 0.4648,

0.3084

0.2142

345.8034, 0.3366,
0.3096

0.0000, 0.7418,
0.0000

0.0000, 0.0000,
0.0000

55.6521, 0.3563,
0.2940

55.6521, 0.3563,
0.2940

46.0922, 0.3761,
0.2829

67.1488, 0.3397,
0.3053

38.3584, 0.3994,
0.2728

80.6799, 0.3261,
0.3164

32.3324, 0.4260,
0.2648

96.3391, 0.3149,
0.3268

27.8805, 0.4552,
0.2602

100.0000, 0.3127,
0.3290

■ 24.8490, 0.4856,
0.2602

■ 23.0527, 0.5152,
0.2656

■ 22.2926, 0.5368,
0.2731

Harmonies

Analogous

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



55.6521, 0.3095, 0.2680



55.6521, 0.3563, 0.2940



55.6521, 0.3924, 0.3286

Triad

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



55.6521, 0.3563, 0.2940



55.6521, 0.3557, 0.4124



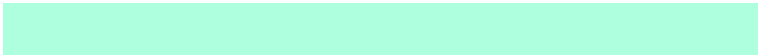
55.6521, 0.2282, 0.2823

Complementary

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



55.6521, 0.3563, 0.2940



85.6276, 0.2833, 0.3672

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.



55.6521, 0.2385, 0.3213



55.6521, 0.3563, 0.2940



55.6521, 0.3105, 0.4024

Square

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



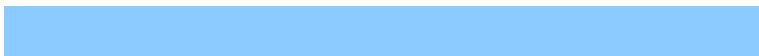
55.6521, 0.3563, 0.2940



55.6521, 0.3909, 0.3968



55.6521, 0.2679, 0.3672



55.6521, 0.2381, 0.2597

Rectangle

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



55.6521, 0.3563, 0.2940



55.6521, 0.4039, 0.3534



55.6521, 0.2679, 0.3672



55.6521, 0.2294, 0.2938

Sweetspot

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



55.6528, 0.3563, 0.2940



83.8706, 0.3235, 0.3187



52.4559, 0.2897, 0.2421



17.5038, 0.3252, 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.



55.6528, 0.3563, 0.2940



48.9054, 0.3695, 0.2864



56.8549, 0.3850, 0.3364



18.1119, 0.3229, 0.3192



11.6764, 0.5326, 0.2708



1.1580, 0.5030, 0.2544

Inverse Universe

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



55.6528, 0.3563, 0.2940



48.9054, 0.3695, 0.2864



83.3426, 0.2657, 0.3214



18.1119, 0.3229, 0.3192



11.6764, 0.5326, 0.2708



1.1580, 0.5030, 0.2544

Previews

White Background



This preview shows how the Yxy color 55.6521, 0.3563, 0.2940 looks on a white background.

Color Contrast Check

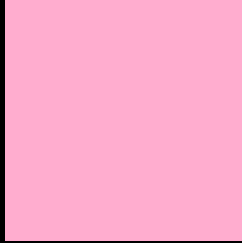
Large Text (above 18pt) WCAG AA × Fail

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 55.6521, 0.3563, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

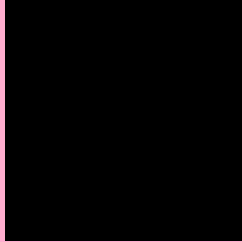
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6521, 0.3563, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 55.6521, 0.3563, 0.2940.



This preview shows how white text looks on a background with the Yxy color 55.6521, 0.3563, 0.2940.

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

55.6521, 0.3563, 0.2940

Protanopia

56.1696, 0.2935, 0.2995

Deuteranopia

55.7674, 0.3207, 0.3140



Tritanopia

55.6074, 0.3700, 0.3155

Trichromacy



Original Color

55.6521, 0.3563, 0.2940



Protanomaly

55.5232, 0.3142, 0.2972



Deuteranomaly

55.1827, 0.3331, 0.3056



Tritanomaly

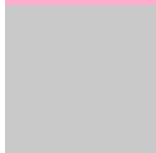
55.7163, 0.3648, 0.3072

Monochromacy



Original Color

55.6521, 0.3563, 0.2940



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.9456, 0.3281, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6521, 0.3563, 0.2940 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, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 207)  
}
```

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, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 207) }
```

Border

The CSS property to change the border of an element to Yxy 55.6521, 0.3563, 0.2940 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, 173, 207) }
```

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

```
.border{ border-color:rgb(255, 173, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6521, 0.3563, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 207) }
```

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

```
.background{ background-color: rgb(255,  
173, 207) }
```

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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