

Converting Colors

$Yxy(56.4020, 0.3539, 0.2933)$

Have a look what the booklet for
Yxy(56.4020, 0.3539, 0.2933)
contains.

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Color

Yxy(56.5234, 0.3541, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFD1
RGB	255, 175, 209
RGB Percent	100%, 69%, 82%
CMY	0.0000, 0.3137, 0.1803
CMYK	0.00, 0.31, 0.18, 0.00
HSL	334°, 100%, 84%
HSV	334°, 31%, 100%
XYZ	68.0780, 56.5234, 67.6550
YIQ	202.7960, 36.7660, 27.5340

Conversions

Conversions Part 2

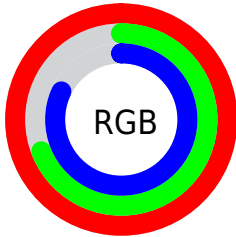
Format	Color
R _Y B	255, 175, 209
Decimal	16756689
CIE Lab	79.91, 33.95, -5.30
CIE LCh	80, 34.365, 351.126
Yxy	56.5234, 0.3541, 0.2940
Android (android.graphics.Color)	4294946769 (0xFFFFAFD1)
YUV	202.7960, 3.0586, 45.7829
Hunter-Lab	75.1820, 30.0648, -0.7266

Details

The Yxy color $56.5234, 0.3541, 0.2940$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $85.8494, 0.2844, 0.3672$, and the grayscale version is $59.5516, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $27.9116, 0.3643, 0.2842$ is the 20% darker color. If you saturate the color by 10%, you get $46.8262, 0.3732, 0.2826$, and if you desaturate by 10%, it is $68.1667, 0.3381, 0.3056$.

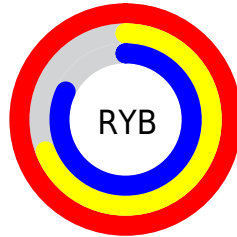
Distribution



Red (100%)

Green (69%)

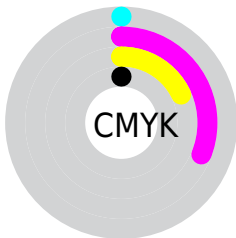
Blue (82%)



Red (100%)

Yellow (69%)

Blue (82%)

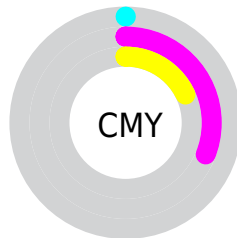


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5234, 0.3541, 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 56.5234, 0.3541, 0.2940 by changing the saturation by 10% instead.


 56.5234, 0.3541,
0.2940

 56.5234, 0.3541,
0.2940

411.6610, 0.3343,
0.3105

 40.6227, 0.3588,
0.2901


 99.7694, 0.3471,
0.2998

 28.0244, 0.3647,
0.2853


127.8836, 0.3444,
0.3020

 18.3441, 0.3723,
0.2792


160.8377, 0.3421,
0.3040

 11.1973, 0.3825,
0.2710

199.0161, 0.3401,
0.3056

 6.1997, 0.3969,
0.2597

242.8032, 0.3384,
0.3071

 2.9669, 0.4186,
0.2429

292.5835, 0.3369,

 1.1145, 0.4550,

0.3084

0.2159

348.7413, 0.3355,
0.3095

0.0000, 0.6949,
0.0000

0.0000, 0.0000,
0.0000

56.5234, 0.3541,
0.2940

56.5234, 0.3541,
0.2940

46.8262, 0.3732,
0.2826

68.1667, 0.3381,
0.3056

38.9596, 0.3957,
0.2721

81.8474, 0.3249,
0.3169

32.8081, 0.4215,
0.2636

97.6604, 0.3140,
0.3276

28.2398, 0.4498,
0.2584

99.9985, 0.3127,
0.3290

■ 25.1028, 0.4796,
0.2578

■ 23.2153, 0.5087,
0.2626

■ 22.3503, 0.5322,
0.2705

Harmonies

Analogous

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



56.5234, 0.3084, 0.2688



56.5234, 0.3541, 0.2940



56.5234, 0.3897, 0.3277

Triad

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



56.5234, 0.3541, 0.2940



56.5234, 0.3559, 0.4102



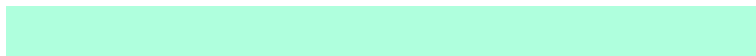
56.5234, 0.2301, 0.2844

Complementary

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



56.5234, 0.3541, 0.2940



85.8494, 0.2844, 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.



56.5234, 0.2408, 0.3228



56.5234, 0.3541, 0.2940



56.5234, 0.3119, 0.4010

Square

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



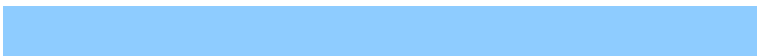
56.5234, 0.3541, 0.2940



56.5234, 0.3897, 0.3946



56.5234, 0.2700, 0.3673



56.5234, 0.2393, 0.2617

Rectangle

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



56.5234, 0.3541, 0.2940



56.5234, 0.4014, 0.3520



56.5234, 0.2700, 0.3673



56.5234, 0.2315, 0.2957

Sweetspot

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



56.5260, 0.3541, 0.2940



85.4007, 0.3221, 0.3195



53.1502, 0.2894, 0.2442



17.8095, 0.3238, 0.3179



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.



56.5260, 0.3541, 0.2940



49.8855, 0.3664, 0.2864



57.1341, 0.3831, 0.3348



18.1153, 0.3227, 0.3189



11.7077, 0.5280, 0.2682



1.1613, 0.4989, 0.2522

Inverse Universe

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



56.5260, 0.3541, 0.2940



49.8855, 0.3664, 0.2864



84.4944, 0.2669, 0.3231



18.1153, 0.3227, 0.3189



11.7077, 0.5280, 0.2682



1.1613, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 56.5234, 0.3541, 0.2940 looks on a white background.

Color Contrast Check

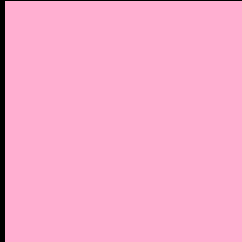
Large Text (above 18pt) WCAG AA × Fail

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 56.5234, 0.3541, 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 56.5234, 0.3541, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 56.5234, 0.3541, 0.2940.



This preview shows how white text looks on a background with the Yxy color 56.5234, 0.3541, 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

56.5234, 0.3541, 0.2940

Protanopia

56.8623, 0.2929, 0.2985

Deuteranopia

56.4516, 0.3199, 0.3129



Tritanopia

56.5292, 0.3668, 0.3144

Trichromacy



Original Color

56.5234, 0.3541, 0.2940



Protanomaly

56.2089, 0.3134, 0.2963



Deuteranomaly

56.2808, 0.3321, 0.3057



Tritanomaly

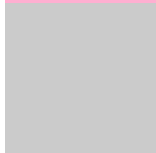
56.5923, 0.3626, 0.3072

Monochromacy



Original Color

56.5234, 0.3541, 0.2940



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.0773, 0.3271, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5234, 0.3541, 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, 175, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 209) }
```

Border

The CSS property to change the border of an element to Yxy 56.5234, 0.3541, 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, 175, 209) }
```

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

```
.border{ border-color:rgb(255, 175, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5234, 0.3541, 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, 175, 209) }
```

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

```
.background{ background-color: rgb(255,  
175, 209) }
```

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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