

Converting Colors

$Y_{xy}(105.5921, 0.4904, 0.3205)$

Have a look what the booklet for
Yxy(105.5921, 0.4904, 0.3205)
contains.

Yxy(56.5545, 0.3679, 0.3125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.5545, 0.3679, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1C1
RGB	255, 177, 193
RGB Percent	100%, 69%, 76%
CMY	0.0001, 0.3058, 0.2433
CMYK	0.00, 0.31, 0.24, 0.00
HSL	348°, 100%, 85%
HSV	348°, 31%, 100%
XYZ	66.5805, 56.5545, 57.8394
YIQ	202.1460, 41.3520, 21.5120

Conversions

Conversions Part 2

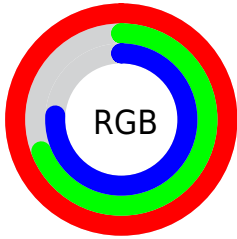
Format	Color
R_{YB}	255, 177, 193
Decimal	16757185
CIE _{Lab}	79.93, 30.57, 3.42
CIE _{LCh}	80, 30.764, 6.378
Yxy	56.5545, 0.3679, 0.3125
Android (android.graphics.Color)	4294947265 (0xFFFFB1C1)
YUV	202.1460, -4.5090, 46.3530
Hunter-Lab	75.2027, 26.4296, 7.0412

Details

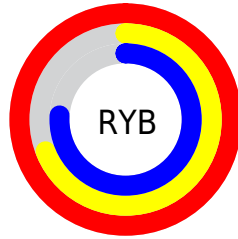
The Yxy color **56.5545, 0.3679, 0.3125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0935, 0.2763, 0.3464**, and the grayscale version is **59.1684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3774, 0.3175, 0.3135**, and **28.1791, 0.3819, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **46.5628, 0.3949, 0.3070**, and if you desaturate by 10%, it is **68.5576, 0.3458, 0.3181**.

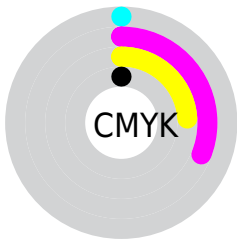
Distribution



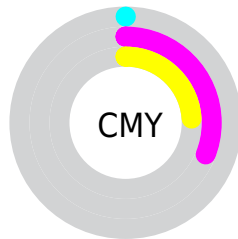
- Red (100%)
- Green (69%)
- Blue (76%)



- Red (100%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (31%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5545, 0.3679, 0.3125 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 56.5545, 0.3679, 0.3125 by changing the saturation by 10% instead.


 56.5545, 0.3679,
0.3125

 56.5545, 0.3679,
0.3125

411.7779, 0.3411,
0.3207

 40.6477, 0.3744,
0.3105


 99.8149, 0.3583,
0.3155

 28.0439, 0.3825,
0.3079


127.9372, 0.3547,
0.3166

 18.3587, 0.3931,
0.3044


160.9001, 0.3516,
0.3176

 11.2079, 0.4075,
0.2997

199.0880, 0.3489,
0.3184

 6.2068, 0.4281,
0.2927

242.8854, 0.3466,
0.3191

 2.9712, 0.4596,
0.2817

292.6766, 0.3445,

 1.1167, 0.5138,

0.3197

0.2617

348.8459, 0.3427,
0.3202

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5545, 0.3679,
0.3125

56.5545, 0.3679,
0.3125

46.5628, 0.3949,
0.3070

68.5576, 0.3458,
0.3181

38.4643, 0.4273,
0.3022

82.6656, 0.3279,
0.3236

32.1412, 0.4648,
0.2987

98.9759, 0.3135,
0.3287

27.4588, 0.5059,
0.2977

99.9971, 0.3127,
0.3290

■ 24.2629, 0.5472,
0.2999

■ 22.3700, 0.5838,
0.3058

■ 21.5065, 0.6104,
0.3136

Harmonies

Analogous

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



56.5545, 0.3301, 0.2850



56.5545, 0.3679, 0.3125



56.5545, 0.3905, 0.3450

Triad

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



56.5545, 0.3679, 0.3125



56.5545, 0.3321, 0.4001



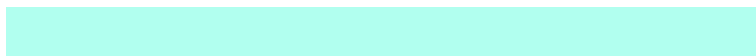
56.5545, 0.2402, 0.2767

Complementary

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



56.5545, 0.3679, 0.3125



87.0935, 0.2763, 0.3464

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.



56.5545, 0.2408, 0.3049



56.5545, 0.3679, 0.3125



56.5545, 0.2922, 0.3799

Square

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



56.5545, 0.3679, 0.3125



56.5545, 0.3684, 0.3973



56.5545, 0.2592, 0.3433



56.5545, 0.2574, 0.2642

Rectangle

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



56.5545, 0.3679, 0.3125



56.5545, 0.3930, 0.3663



56.5545, 0.2592, 0.3433



56.5545, 0.2383, 0.2845

Sweetspot

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



56.5572, 0.3679, 0.3125



85.1009, 0.3254, 0.3244



56.8633, 0.3031, 0.2496



17.7360, 0.3277, 0.3237



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.



56.5572, 0.3679, 0.3125



49.9209, 0.3847, 0.3089



65.3288, 0.3753, 0.3522



18.0478, 0.3262, 0.3242



11.2561, 0.6068, 0.3116



1.1108, 0.5768, 0.2951

Inverse Universe

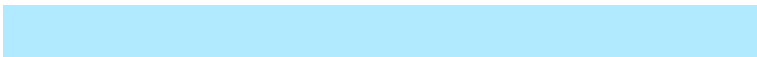
The Inverse Universe completely reimagines the original color for something new.



56.5572, 0.3679, 0.3125



49.9209, 0.3847, 0.3089



74.7861, 0.2658, 0.3044



18.0478, 0.3262, 0.3242



11.2561, 0.6068, 0.3116



1.1108, 0.5768, 0.2951

Previews

White Background



This preview shows how the Yxy color 56.5545, 0.3679, 0.3125 looks on a white background.

Color Contrast Check

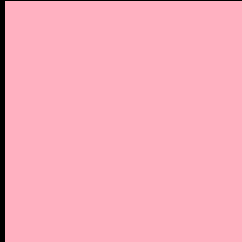
Large Text (above 18pt) WCAG AA × Fail

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 56.5545, 0.3679, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

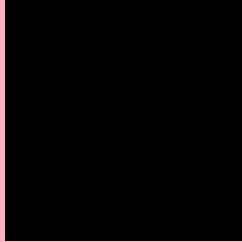
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5545, 0.3679, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 56.5545, 0.3679, 0.3125.



This preview shows how white text looks on a background with the Yxy color 56.5545, 0.3679, 0.3125.

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

56.5545, 0.3679, 0.3125

Protanopia

56.6196, 0.3092, 0.3195

Deuteranopia

56.7891, 0.3382, 0.3314



Tritanopia

56.4659, 0.3697, 0.3145

Trichromacy



Original Color

56.5545, 0.3679, 0.3125



Protanomaly

56.2596, 0.3289, 0.3165



Deuteranomaly

56.6259, 0.3485, 0.3247



Tritanomaly

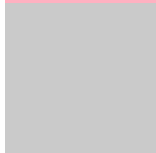
56.5101, 0.3688, 0.3135

Monochromacy



Original Color

56.5545, 0.3679, 0.3125



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.6356, 0.3310, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5545, 0.3679, 0.3125 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, 177, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 193)  
}
```

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, 177, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.5545, 0.3679, 0.3125 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, 177, 193) }
```

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

```
.border{ border-color:rgb(255, 177, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5545, 0.3679, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 193) }
```

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

```
.background{ background-color: rgb(255,  
177, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor