

Converting Colors

$Y_{xy}(57.2517, 0.3657, 0.3120)$

Have a look what the booklet for
Yxy(57.2517, 0.3657, 0.3120)
contains.

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Color

Yxy(57.4403, 0.3656, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C3
RGB	255, 179, 195
RGB Percent	100%, 70%, 76%
CMY	0.0001, 0.2979, 0.2353
CMYK	0.00, 0.30, 0.24, 0.00
HSL	347°, 100%, 85%
HSV	347°, 30%, 100%
XYZ	67.2006, 57.4403, 59.1681
YIQ	203.5480, 40.1600, 21.0880

Conversions

Conversions Part 2

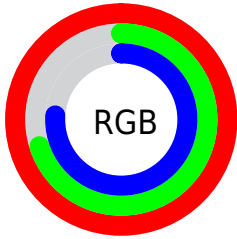
Format	Color
R _Y B	255, 179, 195
Decimal	16757699
CIE Lab	80.43, 29.80, 3.05
CIE LCh	80, 29.955, 5.835
Yxy	57.4403, 0.3656, 0.3125
Android (android.graphics.Color)	4294947779 (0xFFFFB3C3)
YUV	203.5480, -4.2142, 45.1234
Hunter-Lab	75.7894, 25.6401, 6.7654

Details

The Yxy color **57.4403, 0.3656, 0.3125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3182, 0.2774, 0.3464**, and the grayscale version is **60.0925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6417, 0.3161, 0.3135**, and **28.7151, 0.3800, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **47.2984, 0.3920, 0.3068**, and if you desaturate by 10%, it is **69.5999, 0.3440, 0.3183**.

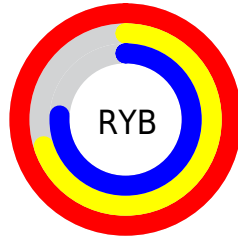
Distribution



Red (100%)

Green (70%)

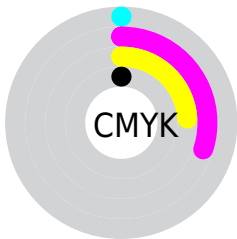
Blue (76%)



Red (100%)

Yellow (70%)

Blue (76%)

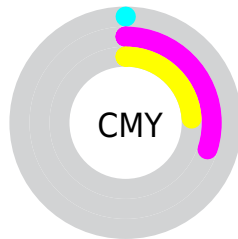


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4403, 0.3656, 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 57.4403, 0.3656, 0.3125 by changing the saturation by 10% instead.

 57.4403, 0.3656,
0.3125

 57.4403, 0.3656,
0.3125


415.0971, 0.3400,
0.3207

 41.3588, 0.3717,
0.3105


 101.1074, 0.3565,
0.3155

 28.5996, 0.3795,
0.3079


129.4618, 0.3530,
0.3166

 18.7781, 0.3896,
0.3046


162.6759, 0.3500,
0.3175

 11.5101, 0.4032,
0.2999

201.1343, 0.3475,
0.3183

 6.4110, 0.4226,
0.2932

245.2211, 0.3452,
0.3190

 3.0966, 0.4524,
0.2826


295.3210, 0.3433,

 1.1824, 0.5031,


0.3196


0.2636


351.8182, 0.3415,
0.3202


 0.0472, 0.9424,
0.0576


 0.0000, 0.0000,
0.0000


 57.4403, 0.3656,
0.3125


 57.4403, 0.3656,
0.3125

 47.2984, 0.3920,
0.3068

 69.5999, 0.3440,
0.3183

 39.0570, 0.4237,
0.3018

 83.8701, 0.3265,
0.3239

 32.5992, 0.4606,
0.2980

99.9940, 0.3127,
0.3290

 27.7918, 0.5011,
0.2967

■ 24.4827, 0.5423,
0.2986

■ 22.4913, 0.5795,
0.3042

■ 21.5325, 0.6084,
0.3126

■ 21.5166, 0.6089,
0.3128

Harmonies

Analogous

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



57.4403, 0.3289, 0.2858



57.4403, 0.3656, 0.3125



57.4403, 0.3878, 0.3441

Triad

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



57.4403, 0.3656, 0.3125



57.4403, 0.3323, 0.3979



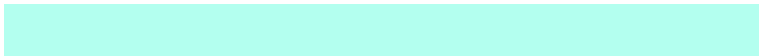
57.4403, 0.2422, 0.2787

Complementary

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



57.4403, 0.3656, 0.3125



87.3182, 0.2774, 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.



57.4403, 0.2430, 0.3063



57.4403, 0.3656, 0.3125



57.4403, 0.2935, 0.3788

Square

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



57.4403, 0.3656, 0.3125



57.4403, 0.3672, 0.3950



57.4403, 0.2613, 0.3436



57.4403, 0.2586, 0.2662

Rectangle

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



57.4403, 0.3656, 0.3125



57.4403, 0.3905, 0.3648



57.4403, 0.2613, 0.3436



57.4403, 0.2405, 0.2864

Sweetspot

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



57.4430, 0.3656, 0.3125



85.1085, 0.3253, 0.3243



57.7334, 0.3034, 0.2517



17.7379, 0.3276, 0.3235



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.



57.4430, 0.3656, 0.3125



50.9236, 0.3814, 0.3089



66.0690, 0.3733, 0.3516



18.0495, 0.3261, 0.3240



11.2634, 0.6052, 0.3108



1.1117, 0.5750, 0.2941

Inverse Universe

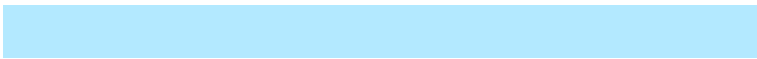
The Inverse Universe completely reimagines the original color for something new.



57.4430, 0.3656, 0.3125



50.9236, 0.3814, 0.3089



75.3375, 0.2669, 0.3051



18.0495, 0.3261, 0.3240



11.2634, 0.6052, 0.3108



1.1117, 0.5750, 0.2941

Previews

White Background



This preview shows how the Yxy color 57.4403, 0.3656, 0.3125 looks on a white background.

Color Contrast Check

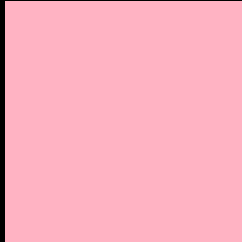
Large Text (above 18pt) WCAG AA × Fail

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 57.4403, 0.3656, 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 57.4403, 0.3656, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 57.4403, 0.3656, 0.3125.



This preview shows how white text looks on a background with the Yxy color 57.4403, 0.3656, 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

57.4403, 0.3656, 0.3125

Protanopia

57.8596, 0.3100, 0.3207

Deuteranopia

57.4753, 0.3373, 0.3302



Tritanopia

57.3505, 0.3674, 0.3145

Trichromacy



Original Color

57.4403, 0.3656, 0.3125



Protanomaly

57.3357, 0.3287, 0.3177



Deuteranomaly

57.3091, 0.3475, 0.3236



Tritanomaly

57.3952, 0.3665, 0.3135

Monochromacy



Original Color

57.4403, 0.3656, 0.3125



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.9352, 0.3308, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4403, 0.3656, 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, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 195)  
}
```

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, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.4403, 0.3656, 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, 179, 195) }
```

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

```
.border{ border-color:rgb(255, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4403, 0.3656, 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, 179, 195) }
```

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

```
.background{ background-color: rgb(255,  
179, 195) }
```

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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