

Converting Colors

Yxy(58.3446, 0.3636, 0.3128)

Have a look what the booklet for
Yxy(58.3446, 0.3636, 0.3128)
contains.

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Color

Yxy(58.3390, 0.3634, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C5
RGB	255, 181, 197
RGB Percent	100%, 71%, 77%
CMY	0.0000, 0.2902, 0.2275
CMYK	0.00, 0.29, 0.23, 0.00
HSL	347°, 100%, 85%
HSV	347°, 29%, 100%
XYZ	67.8413, 58.3390, 60.5045
YIQ	204.9500, 38.9680, 20.6640

Conversions

Conversions Part 2

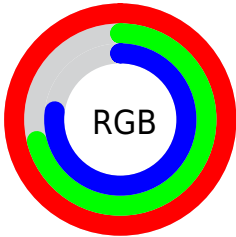
Format	Color
R _Y B	255, 181, 197
Decimal	16758213
CIE Lab	80.93, 29.05, 2.69
CIE LCh	81, 29.179, 5.287
Yxy	58.3390, 0.3634, 0.3125
Android (android.graphics.Color)	4294948293 (0xFFFFB5C5)
YUV	204.9500, -3.9193, 43.8939
Hunter-Lab	76.3800, 24.8801, 6.4993

Details

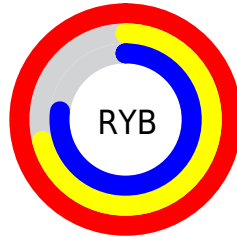
The Yxy color **58.3390, 0.3634, 0.3125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5774, 0.2784, 0.3464**, and the grayscale version is **61.0253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9841, 0.3141, 0.3126**, and **29.0322, 0.3772, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **48.0464, 0.3892, 0.3066**, and if you desaturate by 10%, it is **70.6562, 0.3423, 0.3184**.

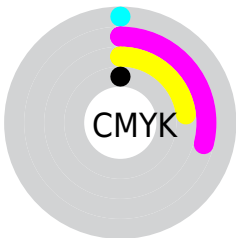
Distribution



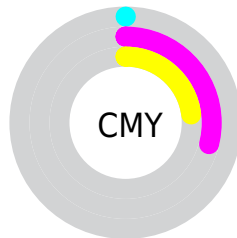
- Red (100%)
- Green (71%)
- Blue (77%)



- Red (100%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3390, 0.3634, 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 58.3390, 0.3634, 0.3125 by changing the saturation by 10% instead.


 58.3390, 0.3634,
0.3125

 58.3390, 0.3634,
0.3125


418.4479, 0.3389,
0.3206

 42.0812, 0.3693,
0.3105


 102.4164, 0.3547,
0.3154

 29.1649, 0.3766,
0.3080


131.0047, 0.3514,
0.3165

 19.2056, 0.3862,
0.3047


164.4721, 0.3485,
0.3175

 11.8189, 0.3991,
0.3002

203.2029, 0.3461,
0.3183

 6.6205, 0.4175,
0.2936

247.5815, 0.3440,
0.3190

 3.2259, 0.4455,
0.2834


297.9923, 0.3421,


 1.2508, 0.4930,


0.3196


0.2654


354.8196, 0.3404,
0.3201

 0.1026, 0.8872,
0.1128


 0.0000, 0.0000,
0.0000

 58.3390, 0.3634,
0.3125


 58.3390, 0.3634,
0.3125

 48.0464, 0.3892,
0.3066


 70.6562, 0.3423,
0.3184

 39.6620, 0.4202,
0.3013

 85.0903, 0.3253,
0.3242

 33.0699, 0.4564,
0.2974

100.0000, 0.3127,
0.3290

 28.1382, 0.4965,
0.2957

■ 24.7166, 0.5375,
0.2973

■ 22.6274, 0.5752,
0.3027

■ 21.6105, 0.6048,
0.3111

■ 21.5368, 0.6073,
0.3119

Harmonies

Analogous

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



58.3390, 0.3277, 0.2867



58.3390, 0.3634, 0.3125



58.3390, 0.3852, 0.3432

Triad

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



58.3390, 0.3634, 0.3125



58.3390, 0.3325, 0.3958



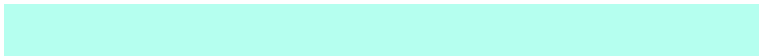
58.3390, 0.2441, 0.2807

Complementary

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



58.3390, 0.3634, 0.3125



87.5774, 0.2784, 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.



58.3390, 0.2453, 0.3077



58.3390, 0.3634, 0.3125



58.3390, 0.2948, 0.3776

Square

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



58.3390, 0.3634, 0.3125



58.3390, 0.3661, 0.3927



58.3390, 0.2633, 0.3439



58.3390, 0.2598, 0.2681

Rectangle

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



58.3390, 0.3634, 0.3125



58.3390, 0.3882, 0.3633



58.3390, 0.2633, 0.3439



58.3390, 0.2425, 0.2882

Sweetspot

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



58.3417, 0.3634, 0.3125



85.1163, 0.3252, 0.3242



58.6159, 0.3037, 0.2537



17.7398, 0.3275, 0.3234



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.



58.3417, 0.3634, 0.3125



51.9459, 0.3782, 0.3090



66.8244, 0.3713, 0.3509



18.0513, 0.3260, 0.3239



11.2712, 0.6036, 0.3099



1.1127, 0.5732, 0.2931

Inverse Universe

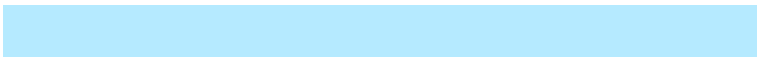
The Inverse Universe completely reimagines the original color for something new.



58.3417, 0.3634, 0.3125



51.9459, 0.3782, 0.3090



75.9104, 0.2681, 0.3058



18.0513, 0.3260, 0.3239



11.2712, 0.6036, 0.3099



1.1127, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 58.3390, 0.3634, 0.3125 looks on a white background.

Color Contrast Check

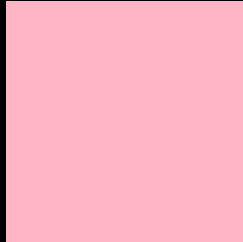
Large Text (above 18pt) WCAG AA × Fail

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 58.3390, 0.3634, 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 58.3390, 0.3634, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 58.3390, 0.3634, 0.3125.



This preview shows how white text looks on a background with the Yxy color 58.3390, 0.3634, 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

58.3390, 0.3634, 0.3125

Protanopia

58.5591, 0.3093, 0.3196

Deuteranopia

58.6132, 0.3362, 0.3302



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.3390, 0.3634, 0.3125

Protanomaly

58.0292, 0.3279, 0.3166

Deuteranomaly

58.4292, 0.3463, 0.3236

Tritanomaly

58.2933, 0.3643, 0.3135

Monochromacy



Original Color

58.3390, 0.3634, 0.3125

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.4321, 0.3299, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3390, 0.3634, 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, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 197)  
}
```

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, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.3390, 0.3634, 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, 181, 197) }
```

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

```
.border{ border-color:rgb(255, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3390, 0.3634, 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, 181, 197) }
```

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

```
.background{ background-color: rgb(255,  
181, 197) }
```

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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