

Converting Colors

$Y_{xy}(58.1909, 0.3708, 0.3221)$

Have a look what the booklet for
Yxy(58.1909, 0.3708, 0.3221)
contains.

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Color

Yxy(58.3467, 0.3710, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6BC
RGB	255, 182, 188
RGB Percent	100%, 71%, 74%
CMY	0.0001, 0.2862, 0.2627
CMYK	0.00, 0.29, 0.26, 0.00
HSL	355°, 100%, 86%
HSV	355°, 29%, 100%
XYZ	67.0382, 58.3467, 55.3110
YIQ	204.5110, 41.5820, 17.3420

Conversions

Conversions Part 2

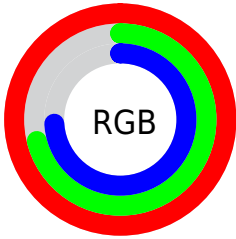
Format	Color
R _Y B	255, 182, 188
Decimal	16758460
CIE Lab	80.93, 27.27, 7.54
CIE LCh	81, 28.290, 15.462
Yxy	58.3467, 0.3710, 0.3229
Android (android.graphics.Color)	4294948540 (0xFFFFB6BC)
YUV	204.5110, -8.1399, 44.2789
Hunter-Lab	76.3850, 22.9841, 10.5371

Details

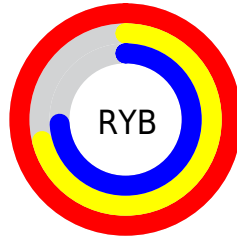
The Yxy color **58.3467, 0.3710, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2879, 0.2740, 0.3353**, and the grayscale version is **60.7581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9407, 0.3203, 0.3232**, and **29.3201, 0.3861, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **47.9093, 0.4014, 0.3207**, and if you desaturate by 10%, it is **70.8545, 0.3463, 0.3251**.

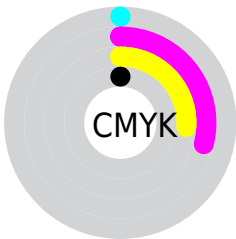
Distribution



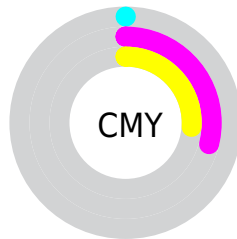
- Red (100%)
- Green (71%)
- Blue (74%)



- Red (100%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3467, 0.3710, 0.3229 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 58.3467, 0.3710, 0.3229 by changing the saturation by 10% instead.


 58.3467, 0.3710,
0.3229

 58.3467, 0.3710,
0.3229

418.4766, 0.3427,
0.3263

 42.0874, 0.3778,
0.3220


 102.4276, 0.3609,
0.3242

 29.1698, 0.3864,
0.3207


131.0180, 0.3571,
0.3247

 19.2093, 0.3975,
0.3190


164.4875, 0.3538,
0.3251

 11.8216, 0.4125,
0.3164

203.2206, 0.3510,
0.3254

 6.6223, 0.4339,
0.3124

247.6017, 0.3485,
0.3257

 3.2270, 0.4666,
0.3055


298.0151, 0.3464,

 1.2514, 0.5231,

0.3259

0.2923


354.8453, 0.3444,
0.3261


 0.1031, 0.8811,
0.1189


 0.0000, 0.0000,
0.0000

 58.3467, 0.3710,
0.3229


 58.3467, 0.3710,
0.3229

 47.9093, 0.4014,
0.3207


 70.8545, 0.3463,
0.3251

 39.4229, 0.4382,
0.3189

 85.5274, 0.3266,
0.3273

 32.7688, 0.4808,
0.3177

99.9947, 0.3127,
0.3290

 27.8117, 0.5269,
0.3176

■ 24.3978, 0.5716,
0.3190

■ 22.3452, 0.6082,
0.3221

■ 21.3983, 0.6311,
0.3259

■ 21.3087, 0.6333,
0.3263

Harmonies

Analogous

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



58.3467, 0.3398, 0.2956



58.3467, 0.3710, 0.3229



58.3467, 0.3856, 0.3530

Triad

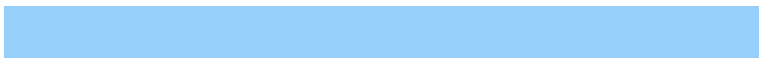
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3467, 0.3710, 0.3229



58.3467, 0.3195, 0.3899



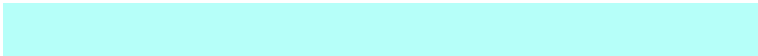
58.3467, 0.2494, 0.2763

Complementary

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



58.3467, 0.3710, 0.3229



88.2879, 0.2740, 0.3353

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.



58.3467, 0.2449, 0.2982



58.3467, 0.3710, 0.3229



58.3467, 0.2839, 0.3661

Square

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



58.3467, 0.3710, 0.3229



58.3467, 0.3546, 0.3940



58.3467, 0.2571, 0.3312



58.3467, 0.2699, 0.2691

Rectangle

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



58.3467, 0.3710, 0.3229



58.3467, 0.3837, 0.3714



58.3467, 0.2571, 0.3312



58.3467, 0.2461, 0.2820

Sweetspot

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



58.3494, 0.3710, 0.3229



84.9382, 0.3272, 0.3272



60.8017, 0.3114, 0.2565



17.6963, 0.3299, 0.3269



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.



58.3494, 0.3710, 0.3229



52.4879, 0.3866, 0.3217



71.9280, 0.3675, 0.3605



18.0113, 0.3281, 0.3271



11.1454, 0.6314, 0.3252



1.0931, 0.6131, 0.3151

Inverse Universe

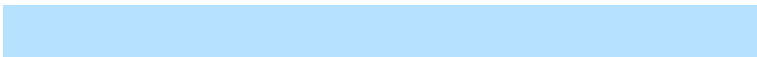
The Inverse Universe completely reimagines the original color for something new.



58.3494, 0.3710, 0.3229



52.4879, 0.3866, 0.3217



70.7863, 0.2675, 0.2952



18.0113, 0.3281, 0.3271



11.1454, 0.6314, 0.3252



1.0931, 0.6131, 0.3151

Previews

White Background



This preview shows how the Yxy color 58.3467, 0.3710, 0.3229 looks on a white background.

Color Contrast Check

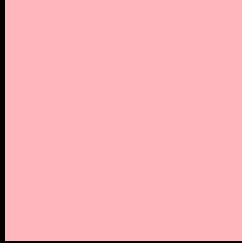
Large Text (above 18pt) WCAG AA × Fail

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 58.3467, 0.3710, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

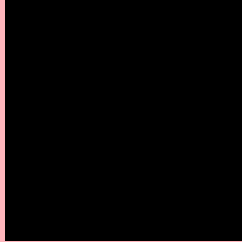
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3467, 0.3710, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 58.3467, 0.3710, 0.3229.



This preview shows how white text looks on a background with the Yxy color 58.3467, 0.3710, 0.3229.

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

58.3467, 0.3710, 0.3229

Protanopia

58.5076, 0.3189, 0.3314

Deuteranopia

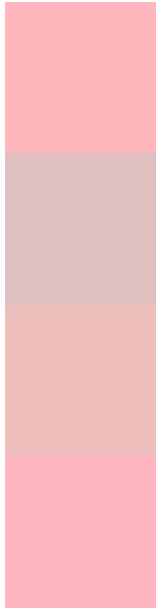
58.4596, 0.3461, 0.3382



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.3467, 0.3710, 0.3229

Protanomaly

57.8823, 0.3374, 0.3279

Deuteranomaly

58.4193, 0.3546, 0.3324

Tritanomaly

58.1135, 0.3678, 0.3177

Monochromacy



Original Color

58.3467, 0.3710, 0.3229

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7440, 0.3321, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3467, 0.3710, 0.3229 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, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 188)  
}
```

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, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 188) }
```

Border

The CSS property to change the border of an element to Yxy 58.3467, 0.3710, 0.3229 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, 182, 188) }
```

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

```
.border{ border-color:rgb(255, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3467, 0.3710, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 188) }
```

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

```
.background{ background-color: rgb(255,  
182, 188) }
```

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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