

Converting Colors

$Y_{xy}(57.1955, 0.3706, 0.3183)$

Have a look what the booklet for
Yxy(57.1955, 0.3706, 0.3183)
contains.

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Color

Yxy(57.1743, 0.3709, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3BD
RGB	255, 179, 189
RGB Percent	100%, 70%, 74%
CMY	0.0001, 0.2980, 0.2587
CMYK	0.00, 0.30, 0.26, 0.00
HSL	352°, 100%, 85%
HSV	352°, 30%, 100%
XYZ	66.5389, 57.1743, 55.6853
YIQ	202.8640, 42.0860, 19.2220

Conversions

Conversions Part 2

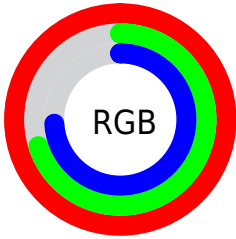
Format	Color
R _Y B	255, 179, 189
Decimal	16757693
CIE Lab	80.28, 28.98, 6.06
CIE LCh	80, 29.602, 11.805
Yxy	57.1743, 0.3709, 0.3187
Android (android.graphics.Color)	4294947773 (0xFFFFB3BD)
YUV	202.8640, -6.8350, 45.7233
Hunter-Lab	75.6137, 24.7533, 9.2658

Details

The Yxy color **57.1743, 0.3709, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.6770, 0.2745, 0.3398**, and the grayscale version is **59.6570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2692, 0.3199, 0.3193**, and **28.5696, 0.3861, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **46.9936, 0.4002, 0.3152**, and if you desaturate by 10%, it is **69.3967, 0.3470, 0.3223**.

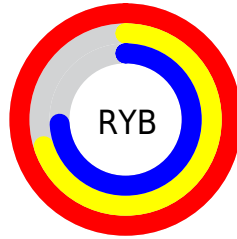
Distribution



Red (100%)

Green (70%)

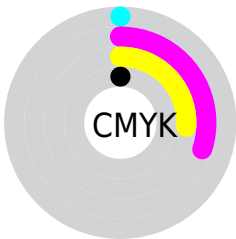
Blue (74%)



Red (100%)

Yellow (70%)

Blue (74%)

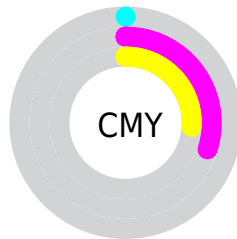


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1743, 0.3709, 0.3187 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 57.1743, 0.3709, 0.3187 by changing the saturation by 10% instead.


 57.1743, 0.3709,
0.3187

 57.1743, 0.3709,
0.3187

414.1021, 0.3426,
0.3241

 41.1452, 0.3777,
0.3173


 100.7195, 0.3608,
0.3207

 28.4326, 0.3863,
0.3155


129.0043, 0.3570,
0.3214

 18.6520, 0.3975,
0.3130


162.1432, 0.3537,
0.3221

 11.4191, 0.4127,
0.3095

200.5206, 0.3509,
0.3226

 6.3495, 0.4344,
0.3042

244.5207, 0.3484,
0.3230

 3.0587, 0.4676,
0.2954


294.5281, 0.3462,

 1.1625, 0.5252,


0.3234


0.2790

350.9271, 0.3443,
0.3238

 0.0307, 0.9600,
0.0400


 0.0000, 0.0000,
0.0000


 57.1743, 0.3709,
0.3187


 57.1743, 0.3709,
0.3187

 46.9936, 0.4002,
0.3152

 69.3967, 0.3470,
0.3223

 38.7355, 0.4355,
0.3122

 83.7551, 0.3278,
0.3258

 32.2813, 0.4763,
0.3101

99.9942, 0.3127,
0.3290

 27.4955, 0.5206,
0.3098

■ 24.2236, 0.5641,
0.3118

■ 22.2821, 0.6008,
0.3163

■ 21.3818, 0.6257,
0.3222

■ 21.3674, 0.6261,
0.3223

Harmonies

Analogous

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



57.1743, 0.3365, 0.2909



57.1743, 0.3709, 0.3187



57.1743, 0.3889, 0.3502

Triad

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



57.1743, 0.3709, 0.3187



57.1743, 0.3245, 0.3951



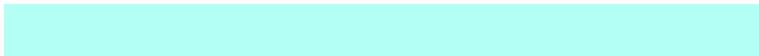
57.1743, 0.2448, 0.2755

Complementary

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



57.1743, 0.3709, 0.3187



87.6770, 0.2745, 0.3398

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.



57.1743, 0.2421, 0.3001



57.1743, 0.3709, 0.3187



57.1743, 0.2866, 0.3722

Square

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



57.1743, 0.3709, 0.3187



57.1743, 0.3606, 0.3965



57.1743, 0.2569, 0.3359



57.1743, 0.2642, 0.2662

Rectangle

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



57.1743, 0.3709, 0.3187



57.1743, 0.3886, 0.3701



57.1743, 0.2569, 0.3359



57.1743, 0.2419, 0.2821

Sweetspot

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



57.1770, 0.3709, 0.3187



85.0038, 0.3265, 0.3261



58.8499, 0.3083, 0.2528



17.7123, 0.3290, 0.3256



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.



57.1770, 0.3709, 0.3187



50.6321, 0.3884, 0.3165



69.0710, 0.3714, 0.3580



18.0260, 0.3274, 0.3259



11.1798, 0.6234, 0.3208



1.1000, 0.5981, 0.3069

Inverse Universe

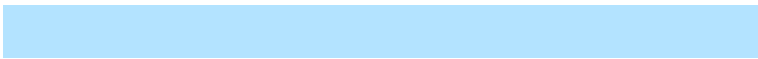
The Inverse Universe completely reimagines the original color for something new.



57.1770, 0.3709, 0.3187



50.6321, 0.3884, 0.3165



71.8083, 0.2661, 0.2979



18.0260, 0.3274, 0.3259



11.1798, 0.6234, 0.3208



1.1000, 0.5981, 0.3069

Previews

White Background



This preview shows how the Yxy color 57.1743, 0.3709, 0.3187 looks on a white background.

Color Contrast Check

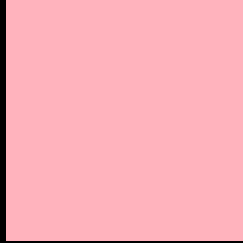
Large Text (above 18pt) WCAG AA × Fail

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 57.1743, 0.3709, 0.3187 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 57.1743, 0.3709, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 57.1743, 0.3709, 0.3187.



This preview shows how white text looks on a background with the Yxy color 57.1743, 0.3709, 0.3187.

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

57.1743, 0.3709, 0.3187

Protanopia

57.7135, 0.3151, 0.3278

Deuteranopia

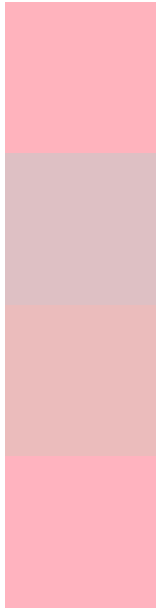
57.5751, 0.3430, 0.3359



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.1743, 0.3709, 0.3187

Protanomaly

57.2144, 0.3343, 0.3245

Deuteranomaly

57.2594, 0.3525, 0.3291

Tritanomaly

57.2618, 0.3692, 0.3166

Monochromacy



Original Color

57.1743, 0.3709, 0.3187

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.1904, 0.3324, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1743, 0.3709, 0.3187 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.1743, 0.3709, 0.3187 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, 189) }
```

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

```
.border{ border-color:rgb(255, 179, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1743, 0.3709, 0.3187 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
179, 189) }
```

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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