

Converting Colors

Yxy(58.2168, 0.3837, 0.3240)

Have a look what the booklet for
Yxy(58.2168, 0.3837, 0.3240)
contains.

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Color

Yxy(56.5197, 0.3766, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B7
RGB	255, 178, 183
RGB Percent	100%, 70%, 72%
CMY	0.0000, 0.3020, 0.2822
CMYK	0.00, 0.30, 0.28, 0.00
HSL	356°, 100%, 85%
HSV	356°, 30%, 100%
XYZ	65.7157, 56.5197, 52.2620
YIQ	201.5930, 44.2870, 17.8790

Conversions

Conversions Part 2

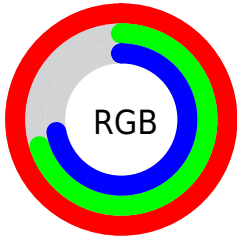
Format	Color
R _Y B	255, 178, 183
Decimal	16757431
CIE Lab	79.91, 28.73, 8.77
CIE LCh	80, 30.035, 16.971
Yxy	56.5197, 0.3766, 0.3239
Android (android.graphics.Color)	4294947511 (0xFFFFB2B7)
YUV	201.5930, -9.1663, 46.8379
Hunter-Lab	75.1796, 24.4655, 11.4096

Details

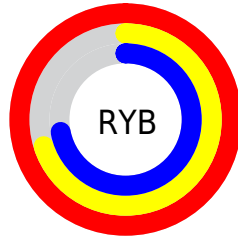
The Yxy color **56.5197, 0.3766, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8840, 0.2715, 0.3343**, and the grayscale version is **58.8323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3376, 0.3238, 0.3241**, and **28.1493, 0.3940, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **46.3872, 0.4086, 0.3222**, and if you desaturate by 10%, it is **68.7037, 0.3506, 0.3257**.

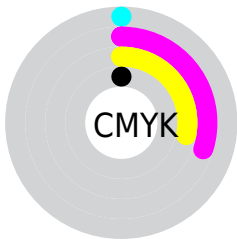
Distribution



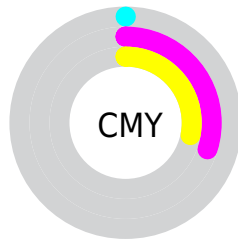
- Red (100%)
- Green (70%)
- Blue (72%)



- Red (100%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5197, 0.3766, 0.3239 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 56.5197, 0.3766, 0.3239 by changing the saturation by 10% instead.


 56.5197, 0.3766,
0.3239

 56.5197, 0.3766,
0.3239

411.6471, 0.3454,
0.3270

 40.6198, 0.3841,
0.3230


 99.7640, 0.3654,
0.3251

 28.0221, 0.3937,
0.3218


127.8772, 0.3612,
0.3256

 18.3423, 0.4061,
0.3200

160.8302, 0.3576,
0.3259

 11.1960, 0.4230,
0.3174

199.0075, 0.3545,
0.3262

 6.1988, 0.4470,
0.3132

242.7934, 0.3518,
0.3264

 2.9664, 0.4840,
0.3056

292.5724, 0.3494,

 1.1142, 0.5538,

0.3266

0.2932

348.7289, 0.3473,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5197, 0.3766,
0.3239

56.5197, 0.3766,
0.3239

46.3872, 0.4086,
0.3222

68.7037, 0.3506,
0.3257

38.1967, 0.4471,
0.3208

83.0474, 0.3297,
0.3274

31.8231, 0.4912,
0.3201

99.6469, 0.3130,
0.3290

27.1277, 0.5380,
0.3203

100.0000, 0.3127,
0.3290

■ 23.9524, 0.5819,
0.3217

■ 22.1085, 0.6159,
0.3244

■ 21.2995, 0.6351,
0.3272

Harmonies

Analogous

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



56.5197, 0.3437, 0.2945



56.5197, 0.3766, 0.3239



56.5197, 0.3912, 0.3560

Triad

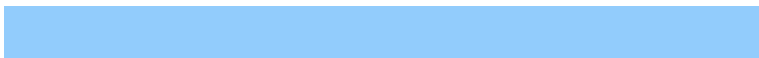
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5197, 0.3766, 0.3239



56.5197, 0.3178, 0.3939



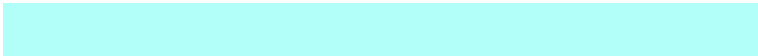
56.5197, 0.2458, 0.2718

Complementary

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



56.5197, 0.3766, 0.3239



87.8840, 0.2715, 0.3343

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.



56.5197, 0.2401, 0.2942



56.5197, 0.3766, 0.3239



56.5197, 0.2800, 0.3672

Square

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



56.5197, 0.3766, 0.3239



56.5197, 0.3557, 0.3991



56.5197, 0.2521, 0.3293



56.5197, 0.2683, 0.2651

Rectangle

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



56.5197, 0.3766, 0.3239



56.5197, 0.3882, 0.3755



56.5197, 0.2521, 0.3293



56.5197, 0.2419, 0.2776

Sweetspot

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



56.5185, 0.3766, 0.3239



84.9161, 0.3275, 0.3276



59.3575, 0.3122, 0.2527



17.6909, 0.3302, 0.3273



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.



56.5185, 0.3766, 0.3239



50.3978, 0.3944, 0.3229



71.2432, 0.3708, 0.3636



18.0063, 0.3284, 0.3275



11.1366, 0.6334, 0.3263



1.0908, 0.6183, 0.3180

Inverse Universe

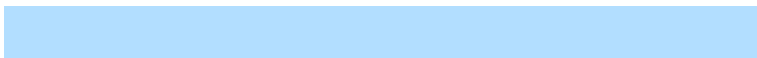
The Inverse Universe completely reimagines the original color for something new.



56.5185, 0.3766, 0.3239



50.3978, 0.3944, 0.3229



68.7307, 0.2648, 0.2915



18.0063, 0.3284, 0.3275



11.1366, 0.6334, 0.3263



1.0908, 0.6183, 0.3180

Previews

White Background



This preview shows how the Yxy color 56.5197, 0.3766, 0.3239 looks on a white background.

Color Contrast Check

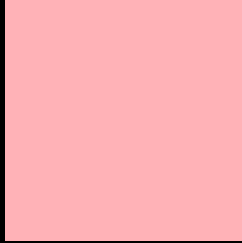
Large Text (above 18pt) WCAG AA × Fail

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 56.5197, 0.3766, 0.3239 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 56.5197, 0.3766, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 56.5197, 0.3766, 0.3239.



This preview shows how white text looks on a background with the Yxy color 56.5197, 0.3766, 0.3239.

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

56.5197, 0.3766, 0.3239

Protanopia

56.9797, 0.3196, 0.3338

Deuteranopia

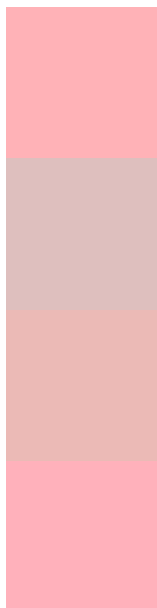
56.4451, 0.3482, 0.3406



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.5197, 0.3766, 0.3239

Protanomaly

56.5089, 0.3392, 0.3302

Deuteranomaly

56.1574, 0.3580, 0.3336

Tritanomaly

56.2921, 0.3733, 0.3187

Monochromacy



Original Color

56.5197, 0.3766, 0.3239

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.4522, 0.3341, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5197, 0.3766, 0.3239 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, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 183)  
}
```

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, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.5197, 0.3766, 0.3239 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, 178, 183) }
```

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

```
.border{ border-color:rgb(255, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5197, 0.3766, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 183) }
```

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

```
.background{ background-color: rgb(255,  
178, 183) }
```

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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