

Converting Colors

$Y_{xy}(57.0727, 0.3691, 0.3158)$

Have a look what the booklet for
Yxy(57.0727, 0.3691, 0.3158)
contains.

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Color

Yxy(56.8624, 0.3694, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2BF
RGB	255, 178, 191
RGB Percent	100%, 70%, 75%
CMY	0.0001, 0.3019, 0.2510
CMYK	0.00, 0.30, 0.25, 0.00
HSL	350°, 100%, 85%
HSV	350°, 30%, 100%
XYZ	66.5557, 56.8624, 56.7543
YIQ	202.5050, 41.7190, 20.3670

Conversions

Conversions Part 2

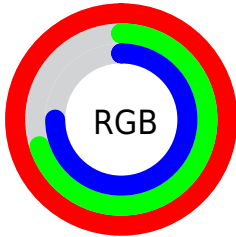
Format	Color
R _Y B	255, 178, 191
Decimal	16757439
CIE Lab	80.10, 29.77, 4.74
CIE LCh	80, 30.144, 9.040
Yxy	56.8624, 0.3694, 0.3156
Android (android.graphics.Color)	4294947519 (0xFFFFB2BF)
YUV	202.5050, -5.6720, 46.0381
Hunter-Lab	75.4072, 25.5847, 8.1611

Details

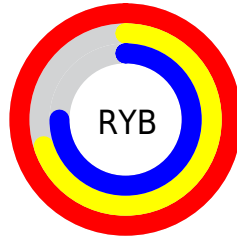
The Yxy color **56.8624, 0.3694, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3793, 0.2754, 0.3431**, and the grayscale version is **59.4124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8210, 0.3187, 0.3164**, and **28.3725, 0.3840, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **46.7761, 0.3976, 0.3111**, and if you desaturate by 10%, it is **68.9748, 0.3464, 0.3202**.

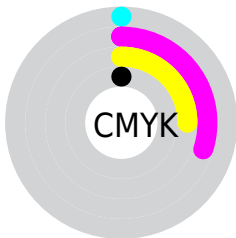
Distribution



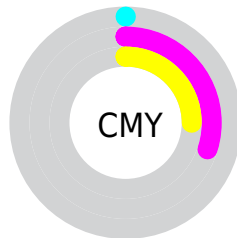
- Red (100%)
- Green (70%)
- Blue (75%)



- Red (100%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8624, 0.3694, 0.3156 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 56.8624, 0.3694, 0.3156 by changing the saturation by 10% instead.


 56.8624, 0.3694,
0.3156

 56.8624, 0.3694,
0.3156

412.9335, 0.3418,
0.3224

 40.8948, 0.3760,
0.3139


 100.2644, 0.3596,
0.3181

 28.2369, 0.3844,
0.3117


128.4675, 0.3558,
0.3190

 18.5043, 0.3953,
0.3087


161.5180, 0.3526,
0.3198

 11.3126, 0.4101,
0.3046

199.8001, 0.3499,
0.3205

 6.2775, 0.4312,
0.2985

243.6984, 0.3475,
0.3211

 3.0146, 0.4637,
0.2885

293.5971, 0.3454,

 1.1393, 0.5195,

0.3216

0.2702

349.8806, 0.3435,
0.3220

0.0113, 0.9849,
0.0151

0.0000, 0.0000,
0.0000

56.8624, 0.3694,
0.3156

56.8624, 0.3694,
0.3156

46.7761, 0.3976,
0.3111

68.9748, 0.3464,
0.3202

38.5973, 0.4314,
0.3071

83.2072, 0.3279,
0.3247

32.2078, 0.4706,
0.3044

99.6574, 0.3130,
0.3289

27.4727, 0.5133,
0.3037

99.9944, 0.3127,
0.3290

■ 24.2377, 0.5558,
0.3059

■ 22.3193, 0.5927,
0.3113

■ 21.4287, 0.6189,
0.3183

Harmonies

Analogous

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



56.8624, 0.3333, 0.2879



56.8624, 0.3694, 0.3156



56.8624, 0.3897, 0.3476

Triad

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



56.8624, 0.3694, 0.3156



56.8624, 0.3283, 0.3976



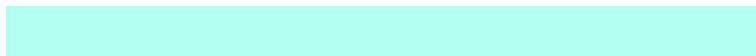
56.8624, 0.2425, 0.2761

Complementary

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



56.8624, 0.3694, 0.3156



87.3793, 0.2754, 0.3431

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.



56.8624, 0.2415, 0.3025



56.8624, 0.3694, 0.3156



56.8624, 0.2894, 0.3760

Square

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



56.8624, 0.3694, 0.3156



56.8624, 0.3645, 0.3969



56.8624, 0.2581, 0.3396



56.8624, 0.2608, 0.2652

Rectangle

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



56.8624, 0.3694, 0.3156



56.8624, 0.3908, 0.3682



56.8624, 0.2581, 0.3396



56.8624, 0.2402, 0.2833

Sweetspot

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



56.8651, 0.3694, 0.3156



85.0528, 0.3259, 0.3252



57.7441, 0.3052, 0.2511



17.7243, 0.3283, 0.3246



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.



56.8651, 0.3694, 0.3156



50.7671, 0.3851, 0.3129



66.8933, 0.3735, 0.3545



18.0370, 0.3268, 0.3250



11.2144, 0.6157, 0.3166



1.1052, 0.5876, 0.3011

Inverse Universe

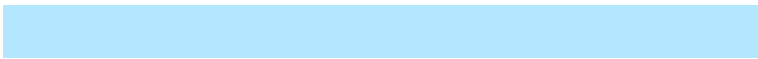
The Inverse Universe completely reimagines the original color for something new.



56.8651, 0.3694, 0.3156



50.7671, 0.3851, 0.3129



73.6156, 0.2660, 0.3019



18.0370, 0.3268, 0.3250



11.2144, 0.6157, 0.3166



1.1052, 0.5876, 0.3011

Previews

White Background



This preview shows how the Yxy color 56.8624, 0.3694, 0.3156 looks on a white background.

Color Contrast Check

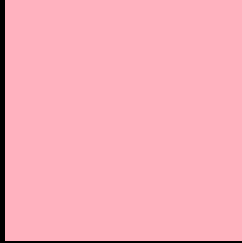
Large Text (above 18pt) WCAG AA × Fail

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 56.8624, 0.3694, 0.3156 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 56.8624, 0.3694, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 56.8624, 0.3694, 0.3156.

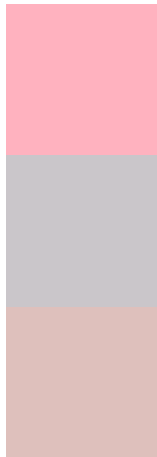


This preview shows how white text looks on a background with the Yxy color 56.8624, 0.3694, 0.3156.

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

56.8624, 0.3694, 0.3156

Protanopia

57.2090, 0.3129, 0.3243

Deuteranopia

56.8597, 0.3407, 0.3337



Tritanopia

56.9066, 0.3685, 0.3145

Trichromacy



Original Color

56.8624, 0.3694, 0.3156

Protanomaly

56.7110, 0.3320, 0.3211

Deuteranomaly

56.7072, 0.3510, 0.3269

Tritanomaly

56.9066, 0.3685, 0.3145

Monochromacy



Original Color

56.8624, 0.3694, 0.3156

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.2367, 0.3316, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8624, 0.3694, 0.3156 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.8624, 0.3694, 0.3156 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, 191) }
```

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

```
.border{ border-color:rgb(255, 178, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8624, 0.3694, 0.3156 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
178, 191) }
```

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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