

Converting Colors

$Yxy(58.6487, 0.3823, 0.3198)$

Have a look what the booklet for
Yxy(58.6487, 0.3823, 0.3198)
contains.

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Color

Yxy(56.6886, 0.3730, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2BB
RGB	255, 178, 187
RGB Percent	100%, 70%, 73%
CMY	0.0001, 0.3019, 0.2668
CMYK	0.00, 0.30, 0.27, 0.00
HSL	353°, 100%, 85%
HSV	353°, 30%, 100%
XYZ	66.1190, 56.6886, 54.4551
YIQ	202.0490, 43.0030, 19.1230

Conversions

Conversions Part 2

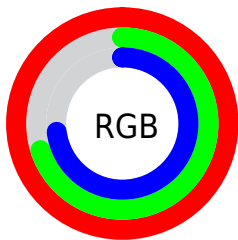
Format	Color
R _Y B	255, 178, 187
Decimal	16757435
CIE Lab	80.00, 29.22, 6.77
CIE LCh	80, 29.993, 13.047
Yxy	56.6886, 0.3730, 0.3198
Android (android.graphics.Color)	4294947515 (0xFFFFB2BB)
YUV	202.0490, -7.4192, 46.4380
Hunter-Lab	75.2918, 24.9925, 9.8226

Details

The Yxy color **56.6886, 0.3730, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.6230, 0.2734, 0.3386**, and the grayscale version is **59.1223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5767, 0.3212, 0.3202**, and **28.2588, 0.3890, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **46.5785, 0.4031, 0.3167**, and if you desaturate by 10%, it is **68.8411, 0.3485, 0.3230**.

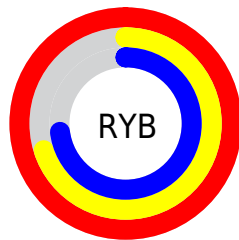
Distribution



Red (100%)

Green (70%)

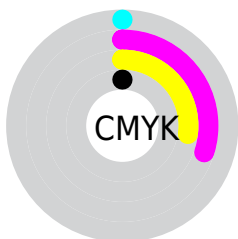
Blue (73%)



Red (100%)

Yellow (70%)

Blue (73%)

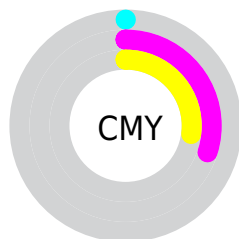


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6886, 0.3730, 0.3198 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 56.6886, 0.3730, 0.3198 by changing the saturation by 10% instead.


 56.6886, 0.3730,
0.3198

 56.6886, 0.3730,
0.3198


412.2814, 0.3436,
0.3247

 40.7553, 0.3801,
0.3185


 100.0107, 0.3625,
0.3217

 28.1279, 0.3891,
0.3168


128.1682, 0.3585,
0.3223

 18.4221, 0.4007,
0.3144


161.1693, 0.3551,
0.3229

 11.2535, 0.4166,
0.3111

199.3983, 0.3522,
0.3234

 6.2376, 0.4392,
0.3059

243.2396, 0.3496,
0.3238

 2.9901, 0.4740,
0.2972

293.0776, 0.3474,

 1.1266, 0.5357,


0.3241


0.2813


349.2968, 0.3454,
0.3245


 0.0005, 0.9994,
0.0006


 0.0000, 0.0000,
0.0000


 56.6886, 0.3730,
0.3198


 56.6886, 0.3730,
0.3198

 46.5785, 0.4031,
0.3167


 68.8411, 0.3485,
0.3230

 38.3910, 0.4393,
0.3141

 83.1310, 0.3288,
0.3261

 32.0065, 0.4811,
0.3124

99.6572, 0.3130,
0.3290

 27.2883, 0.5261,
0.3123

99.9941, 0.3127,
0.3290

■ 24.0804, 0.5697,
0.3144

■ 22.1972, 0.6056,
0.3186

■ 21.3460, 0.6287,
0.3237

Harmonies

Analogous

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



56.6886, 0.3385, 0.2913



56.6886, 0.3730, 0.3198



56.6886, 0.3904, 0.3518

Triad

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



56.6886, 0.3730, 0.3198



56.6886, 0.3230, 0.3957



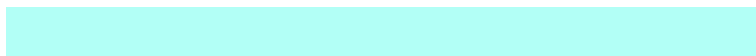
56.6886, 0.2442, 0.2740

Complementary

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



56.6886, 0.3730, 0.3198



87.6230, 0.2734, 0.3386

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.



56.6886, 0.2408, 0.2983



56.6886, 0.3730, 0.3198



56.6886, 0.2847, 0.3716

Square

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



56.6886, 0.3730, 0.3198



56.6886, 0.3600, 0.3980



56.6886, 0.2551, 0.3343



56.6886, 0.2646, 0.2652

Rectangle

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



56.6886, 0.3730, 0.3198



56.6886, 0.3894, 0.3719



56.6886, 0.2551, 0.3343



56.6886, 0.2411, 0.2804

Sweetspot

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



56.6913, 0.3730, 0.3198



84.9833, 0.3267, 0.3264



58.6598, 0.3092, 0.2520



17.7073, 0.3293, 0.3260



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.



56.6913, 0.3730, 0.3198



50.5766, 0.3898, 0.3180



69.3473, 0.3719, 0.3597



18.0214, 0.3276, 0.3263



11.1677, 0.6262, 0.3223



1.0979, 0.6027, 0.3094

Inverse Universe

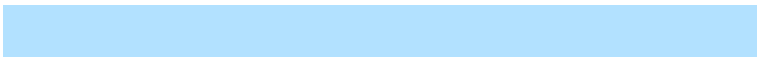
The Inverse Universe completely reimagines the original color for something new.



56.6913, 0.3730, 0.3198



50.5766, 0.3898, 0.3180



70.7926, 0.2654, 0.2960



18.0214, 0.3276, 0.3263



11.1677, 0.6262, 0.3223



1.0979, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 56.6886, 0.3730, 0.3198 looks on a white background.

Color Contrast Check

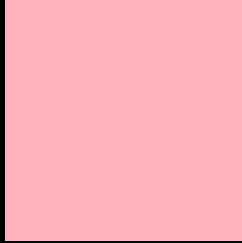
Large Text (above 18pt) WCAG AA × Fail

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 56.6886, 0.3730, 0.3198 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 56.6886, 0.3730, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 56.6886, 0.3730, 0.3198.



This preview shows how white text looks on a background with the Yxy color 56.6886, 0.3730, 0.3198.

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

56.6886, 0.3730, 0.3198

Protanopia

57.0219, 0.3159, 0.3290

Deuteranopia

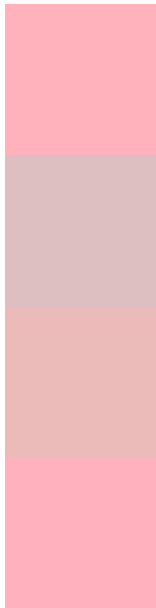
56.8479, 0.3447, 0.3383



Tritanopia

56.8624, 0.3694, 0.3156

Trichromacy



Original Color

56.6886, 0.3730, 0.3198

Protanomaly

56.5288, 0.3352, 0.3256

Deuteranomaly

56.7056, 0.3552, 0.3314

Tritanomaly

56.8185, 0.3703, 0.3166

Monochromacy



Original Color

56.6886, 0.3730, 0.3198

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.5433, 0.3325, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6886, 0.3730, 0.3198 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 187) }
```

Border

The CSS property to change the border of an element to Yxy 56.6886, 0.3730, 0.3198 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, 187) }
```

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

```
.border{ border-color:rgb(255, 178, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6886, 0.3730, 0.3198 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
178, 187) }
```

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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