

Converting Colors

$Yxy(56.8498, 0.3466, 0.2965)$

Have a look what the booklet for
Yxy(56.8498, 0.3466, 0.2965)
contains.

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Color

Yxy(56.8498, 0.3466, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	F8B3D2
RGB	248, 179, 210
RGB Percent	97%, 70%, 82%
CMY	0.0275, 0.2980, 0.1765
CMYK	0.00, 0.28, 0.15, 0.03
HSL	333°, 83%, 84%
HSV	333°, 28%, 97%
XYZ	66.4558, 56.8498, 68.4307
YIQ	203.1650, 31.1730, 24.2690

Conversions

Conversions Part 2

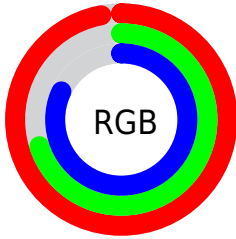
Format	Color
R _Y B	248, 179, 210
Decimal	16298962
CIE Lab	80.10, 29.58, -5.63
CIE LCh	80, 30.109, 349.217
Yxy	56.8498, 0.3466, 0.2965
Android (android.graphics.Color)	4294489042 (0xFFF8B3D2)
YUV	203.1650, 3.3697, 39.3203
Hunter-Lab	75.3988, 25.3803, -1.0314

Details

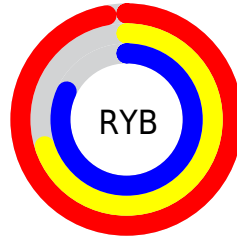
The Yxy color $56.8498, 0.3466, 0.2965$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.7163, 0.2882, 0.3641$, and the grayscale version is $59.7944, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $28.3984, 0.3550, 0.2885$ is the 20% darker color. If you saturate the color by 10%, you get $47.1367, 0.3637, 0.2844$, and if you desaturate by 10%, it is $68.4136, 0.3323, 0.3086$.

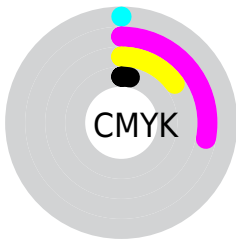
Distribution



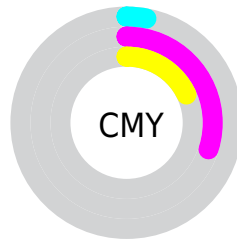
- Red (97%)
- Green (70%)
- Blue (82%)



- Red (97%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8498, 0.3466, 0.2965 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 56.8498, 0.3466, 0.2965 by changing the saturation by 10% instead.


 56.8498, 0.3466,
0.2965

 56.8498, 0.3466,
0.2965


412.8863, 0.3304,
0.3118

 40.8847, 0.3504,
0.2929


 100.2460, 0.3409,
0.3019

 28.2290, 0.3552,
0.2885


128.4458, 0.3387,
0.3040

 18.4983, 0.3614,
0.2827


161.4927, 0.3368,
0.3057

 11.3084, 0.3697,
0.2752

199.7710, 0.3352,
0.3073

 6.2746, 0.3814,
0.2647

243.6651, 0.3338,
0.3086

 3.0128, 0.3991,
0.2491


293.5594, 0.3325,

 1.1384, 0.4287,


0.3098


0.2239


349.8383, 0.3314,
0.3109


 0.0105, 0.6377,
0.0092


 0.0000, 0.0000,
0.0000


 56.8498, 0.3466,
0.2965

 56.8498, 0.3466,
0.2965

 47.1367, 0.3637,
0.2844


 68.4136, 0.3323,
0.3086


 39.1692, 0.3840,
0.2728

 81.9102, 0.3205,
0.3203

 32.8437, 0.4073,
0.2629

 97.4265, 0.3107,
0.3314

 28.0420, 0.4334,
0.2558

 98.6920, 0.3084,
0.3290

■ 24.6304, 0.4613,
0.2529

■ 22.4510, 0.4894,
0.2551

■ 21.2927, 0.5160,
0.2627

■ 21.1073, 0.5217,
0.2648

Harmonies

Analogous

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



56.8498, 0.3066, 0.2747



56.8498, 0.3466, 0.2965



56.8498, 0.3785, 0.3263

Triad

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



56.8498, 0.3466, 0.2965



56.8498, 0.3531, 0.3995



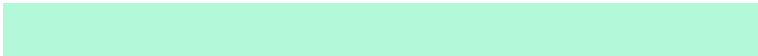
56.8498, 0.2399, 0.2920

Complementary

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



56.8498, 0.3466, 0.2965



81.7163, 0.2882, 0.3641

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.



56.8498, 0.2506, 0.3264



56.8498, 0.3466, 0.2965



56.8498, 0.3148, 0.3926

Square

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



56.8498, 0.3466, 0.2965



56.8498, 0.3817, 0.3856



56.8498, 0.2775, 0.3646



56.8498, 0.2469, 0.2707

Rectangle

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



56.8498, 0.3466, 0.2965



56.8498, 0.3896, 0.3478



56.8498, 0.2775, 0.3646



56.8498, 0.2415, 0.3023

Sweetspot

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



56.8524, 0.3466, 0.2965



86.9649, 0.3207, 0.3201



53.7673, 0.2918, 0.2544



18.1227, 0.3223, 0.3184



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.



56.8524, 0.3466, 0.2965



54.9145, 0.3552, 0.2901



56.8552, 0.3728, 0.3329



17.3548, 0.3223, 0.3184



11.4321, 0.5178, 0.2626



1.0798, 0.4884, 0.2464

Inverse Universe

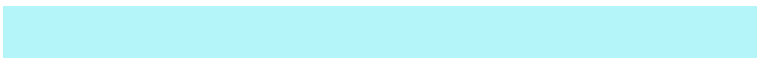
The Inverse Universe completely reimagines the original color for something new.



56.8524, 0.3466, 0.2965



54.9145, 0.3552, 0.2901



81.3813, 0.2718, 0.3251



17.3548, 0.3223, 0.3184



11.4321, 0.5178, 0.2626



1.0798, 0.4884, 0.2464

Previews

White Background



This preview shows how the Yxy color 56.8498, 0.3466, 0.2965 looks on a white background.

Color Contrast Check

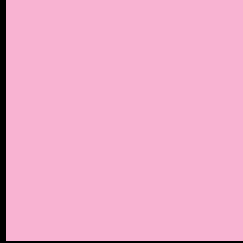
Large Text (above 18pt) WCAG AA × Fail

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 56.8498, 0.3466, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

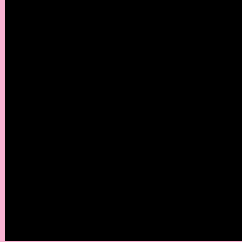
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8498, 0.3466, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 56.8498, 0.3466, 0.2965.



This preview shows how white text looks on a background with the Yxy color 56.8498, 0.3466, 0.2965.

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

56.8498, 0.3466, 0.2965

Protanopia

57.3444, 0.2950, 0.3020

Deuteranopia

56.9411, 0.3191, 0.3129



Tritanopia

56.9889, 0.3572, 0.3152

Trichromacy



Original Color

56.8498, 0.3466, 0.2965



Protanomaly

56.7184, 0.3125, 0.2995



Deuteranomaly

56.6893, 0.3286, 0.3067



Tritanomaly

56.9920, 0.3540, 0.3089

Monochromacy



Original Color

56.8498, 0.3466, 0.2965



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.0999, 0.3238, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8498, 0.3466, 0.2965 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(248, 179, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 179, 210)  
}
```

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(248, 179, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 179, 210) }
```

Border

The CSS property to change the border of an element to Yxy 56.8498, 0.3466, 0.2965 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(248, 179, 210) }
```

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

```
.border{ border-color:rgb(248, 179, 210) }
```

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

Here you see how a box with a 4 pixel rgb(248, 179, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 179, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 179, 210);  
box-shadow:4px 4px 4px 4px rgb(248, 179,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8498, 0.3466, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 179, 210) }
```

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

```
.background{ background-color: rgb(248,  
179, 210) }
```

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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