

Converting Colors

Yxy(56.9346, 0.3577, 0.3042)

Have a look what the booklet for
Yxy(56.9346, 0.3577, 0.3042)
contains.

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Color

Yxy(56.9877, 0.3580, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FDB2CA
RGB	253, 178, 202
RGB Percent	99%, 70%, 79%
CMY	0.0078, 0.3019, 0.2080
CMYK	0.00, 0.30, 0.20, 0.01
HSL	341°, 95%, 85%
HSV	341°, 30%, 99%
XYZ	67.0884, 56.9877, 63.3217
YIQ	203.1610, 36.9960, 23.3640

Conversions

Conversions Part 2

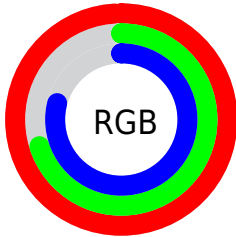
Format	Color
R _Y B	253, 178, 202
Decimal	16626378
CIE Lab	80.17, 30.65, -1.13
CIE LCh	80, 30.667, 357.897
Yxy	56.9877, 0.3580, 0.3041
Android (android.graphics.Color)	4294816458 (0xFFFDDB2CA)
YUV	203.1610, -0.5724, 43.7088
Hunter-Lab	75.4902, 26.5258, 3.1102

Details

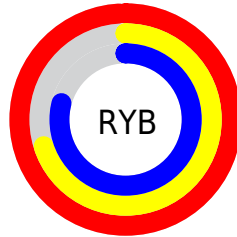
The Yxy color **56.9877, 0.3580, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3816, 0.2817, 0.3556**, and the grayscale version is **59.8146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.4075, 0.3694, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **47.0627, 0.3803, 0.2954**, and if you desaturate by 10%, it is **68.8656, 0.3396, 0.3129**.

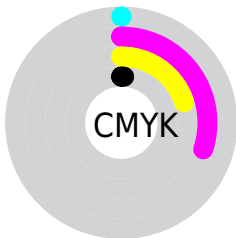
Distribution



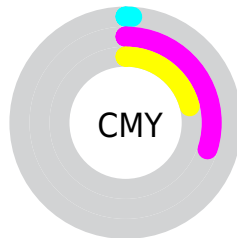
- Red (99%)
- Green (70%)
- Blue (79%)



- Red (99%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9877, 0.3580, 0.3041 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 56.9877, 0.3580, 0.3041 by changing the saturation by 10% instead.


 56.9877, 0.3580,
0.3041

 56.9877, 0.3580,
0.3041


413.4032, 0.3362,
0.3161

 40.9954, 0.3632,
0.3013


 100.4472, 0.3502,
0.3083

 28.3155, 0.3698,
0.2977


128.6832, 0.3473,
0.3100

 18.5636, 0.3783,
0.2931


161.7692, 0.3447,
0.3113

 11.3554, 0.3898,
0.2868

200.0896, 0.3426,
0.3125

 6.3064, 0.4062,
0.2781

244.0289, 0.3407,
0.3136

 3.0323, 0.4311,
0.2647


293.9713, 0.3390,

 1.1486, 0.4736,

0.3145

0.2423

350.3012, 0.3375,
0.3153


 0.0191, 0.8660,
0.0216

 0.0000, 0.0000,
0.0000

 56.9877, 0.3580,
0.3041


 56.9877, 0.3580,
0.3041


 47.0627, 0.3803,
0.2954

 68.8656, 0.3396,
0.3129


 38.9776, 0.4069,
0.2875

 82.7858, 0.3246,
0.3213

 32.6197, 0.4378,
0.2811

 98.8415, 0.3123,
0.3293

 27.8608, 0.4722,
0.2776

 99.6244, 0.3115,
0.3290

■ 24.5543, 0.5082,
0.2781

■ 22.5266, 0.5428,
0.2835

■ 21.5048, 0.5730,
0.2932

■ 21.4760, 0.5740,
0.2936

Harmonies

Analogous

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



56.9877, 0.3183, 0.2791



56.9877, 0.3580, 0.3041



56.9877, 0.3858, 0.3357

Triad

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



56.9877, 0.3580, 0.3041



56.9877, 0.3431, 0.4012



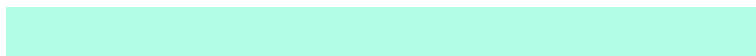
56.9877, 0.2389, 0.2835

Complementary

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



56.9877, 0.3580, 0.3041



85.3816, 0.2817, 0.3556

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.



56.9877, 0.2446, 0.3152



56.9877, 0.3580, 0.3041



56.9877, 0.3033, 0.3874

Square

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



56.9877, 0.3580, 0.3041



56.9877, 0.3761, 0.3925



56.9877, 0.2675, 0.3544



56.9877, 0.2511, 0.2664

Rectangle

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



56.9877, 0.3580, 0.3041



56.9877, 0.3927, 0.3574



56.9877, 0.2675, 0.3544



56.9877, 0.2388, 0.2926

Sweetspot

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



56.9903, 0.3580, 0.3041



85.2560, 0.3237, 0.3218



55.4308, 0.2967, 0.2505



17.7740, 0.3257, 0.3206



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.



56.9903, 0.3580, 0.3041



51.3548, 0.3717, 0.2985



61.1456, 0.3755, 0.3423



18.0827, 0.3244, 0.3214



11.4469, 0.5698, 0.2913



1.1335, 0.5379, 0.2737

Inverse Universe

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



56.9903, 0.3580, 0.3041



51.3548, 0.3717, 0.2985



79.1781, 0.2683, 0.3151



18.0827, 0.3244, 0.3214



11.4469, 0.5698, 0.2913



1.1335, 0.5379, 0.2737

Previews

White Background



This preview shows how the Yxy color 56.9877, 0.3580, 0.3041 looks on a white background.

Color Contrast Check

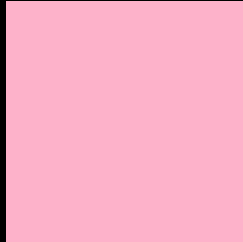
Large Text (above 18pt) WCAG AA × Fail

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 56.9877, 0.3580, 0.3041 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 56.9877, 0.3580, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 56.9877, 0.3580, 0.3041.



This preview shows how white text looks on a background with the Yxy color 56.9877, 0.3580, 0.3041.

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

56.9877, 0.3580, 0.3041

Protanopia

57.3853, 0.3020, 0.3102

Deuteranopia

57.1689, 0.3285, 0.3222



Tritanopia

56.7859, 0.3648, 0.3144

Trichromacy



Original Color

56.9877, 0.3580, 0.3041



Protanomaly

56.9748, 0.3210, 0.3075



Deuteranomaly

57.1255, 0.3392, 0.3157



Tritanomaly

56.9212, 0.3622, 0.3113

Monochromacy



Original Color

56.9877, 0.3580, 0.3041



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.2675, 0.3277, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9877, 0.3580, 0.3041 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(253, 178, 202)` looks like.

```
.text, #text, p{  
    color:rgb(253, 178, 202)  
}
```

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(253, 178, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 178, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.9877, 0.3580, 0.3041 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(253, 178, 202) }
```

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

```
.border{ border-color:rgb(253, 178, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 178, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 178, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 178, 202);  
box-shadow:4px 4px 4px 4px rgb(253, 178,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9877, 0.3580, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 178, 202) }
```

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

```
.background{ background-color: rgb(253,  
178, 202) }
```

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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