

Converting Colors

Yxy(56.6247, 0.3400, 0.2882)

Have a look what the booklet for
Yxy(56.6247, 0.3400, 0.2882)
contains.

Yxy(56.6247, 0.3400, 0.2882)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6247, 0.3400, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	F7B2D9
RGB	247, 178, 217
RGB Percent	97%, 70%, 85%
CMY	0.0314, 0.3019, 0.1490
CMYK	0.00, 0.28, 0.12, 0.03
HSL	326°, 81%, 83%
HSV	326°, 28%, 97%
XYZ	66.8022, 56.6247, 73.0502
YIQ	203.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

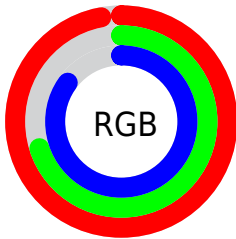
Format	Color
R _Y B	247, 178, 217
Decimal	16233177
CIE Lab	79.97, 30.89, -9.62
CIE LCh	80, 32.359, 342.699
Yxy	56.6247, 0.3400, 0.2882
Android (android.graphics.Color)	4294423257 (0xFFF7B2D9)
YUV	203.0770, 6.8640, 38.5205
Hunter-Lab	75.2494, 26.7759, -4.8827

Details

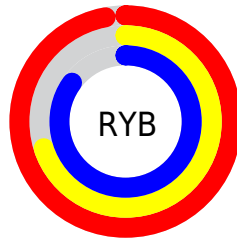
The Yxy color **56.6247, 0.3400, 0.2882** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.5433, 0.2924, 0.3738**, and the grayscale version is **59.7160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.2230, 0.3471, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **47.1258, 0.3534, 0.2731**, and if you desaturate by 10%, it is **67.9347, 0.3286, 0.3033**.

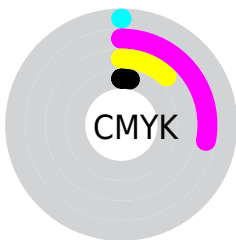
Distribution



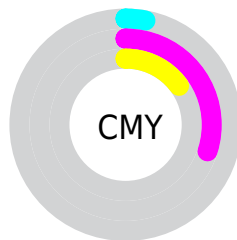
- Red (97%)
- Green (70%)
- Blue (85%)



- Red (97%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (3%)




- Cyan (3%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6247, 0.3400, 0.2882 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 56.6247, 0.3400, 0.2882 by changing the saturation by 10% instead.

 56.6247, 0.3400,
0.2882

 56.6247, 0.3400,
0.2882


412.0415, 0.3271,
0.3073

 40.7040, 0.3430,
0.2838


 99.9174, 0.3355,
0.2948

 28.0879, 0.3467,
0.2784


128.0581, 0.3337,
0.2974

 18.3919, 0.3515,
0.2714


161.0410, 0.3323,
0.2996

 11.2317, 0.3579,
0.2623

199.2505, 0.3310,
0.3016

 6.2229, 0.3667,
0.2498

243.0709, 0.3298,
0.3033

 2.9811, 0.3797,
0.2316

292.8866, 0.3288,

 1.1219, 0.4008,

0.3047

0.2029

349.0820, 0.3279,
0.3061

0.0000, 0.5288,
0.0000

0.0000, 0.0000,
0.0000

56.6247, 0.3400,
0.2882

56.6247, 0.3400,
0.2882

47.1258, 0.3534,
0.2731

67.9347, 0.3286,
0.3033

39.3346, 0.3689,
0.2588

81.1367, 0.3191,
0.3179

33.1491, 0.3865,
0.2463

96.3159, 0.3112,
0.3318

28.4531, 0.4059,
0.2366

98.5146, 0.3078,
0.3290

■ 25.1146, 0.4265,
0.2312

■ 22.9780, 0.4474,
0.2309

■ 21.8323, 0.4676,
0.2359

■ 21.6556, 0.4718,
0.2373

Harmonies

Analogous

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



56.6247, 0.2968, 0.2675



56.6247, 0.3400, 0.2882



56.6247, 0.3775, 0.3185

Triad

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



56.6247, 0.3400, 0.2882



56.6247, 0.3639, 0.4033



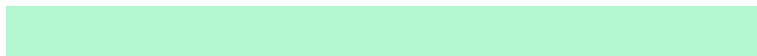
56.6247, 0.2356, 0.2960

Complementary

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



56.6247, 0.3400, 0.2882



80.5433, 0.2924, 0.3738

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.



56.6247, 0.2510, 0.3351



56.6247, 0.3400, 0.2882



56.6247, 0.3240, 0.4015

Square

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



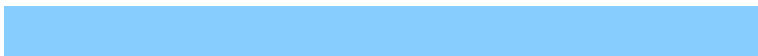
56.6247, 0.3400, 0.2882



56.6247, 0.3911, 0.3840



56.6247, 0.2828, 0.3756



56.6247, 0.2390, 0.2699

Rectangle

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



56.6247, 0.3400, 0.2882



56.6247, 0.3928, 0.3413



56.6247, 0.2828, 0.3756



56.6247, 0.2387, 0.3080

Sweetspot

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



56.6273, 0.3400, 0.2882



87.1095, 0.3192, 0.3178



51.9548, 0.2855, 0.2527



18.1591, 0.3205, 0.3156



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.



56.6273, 0.3400, 0.2882



54.4012, 0.3479, 0.2789



55.0203, 0.3700, 0.3242



16.6394, 0.3205, 0.3157



11.4818, 0.4686, 0.2355



1.0298, 0.4449, 0.2225

Inverse Universe

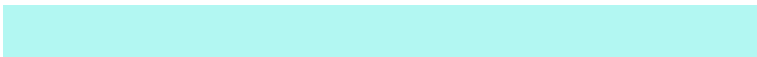
The Inverse Universe completely reimagines the original color for something new.



56.6273, 0.3400, 0.2882



54.4012, 0.3479, 0.2789



82.4236, 0.2744, 0.3340



16.6394, 0.3205, 0.3157



11.4818, 0.4686, 0.2355



1.0298, 0.4449, 0.2225

Previews

White Background



This preview shows how the Yxy color 56.6247, 0.3400, 0.2882 looks on a white background.

Color Contrast Check

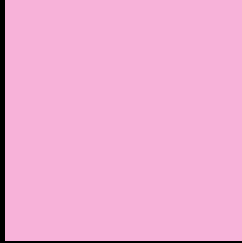
Large Text (above 18pt) WCAG AA × Fail

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 56.6247, 0.3400, 0.2882 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 56.6247, 0.3400, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 56.6247, 0.3400, 0.2882.



This preview shows how white text looks on a background with the Yxy color 56.6247, 0.3400, 0.2882.

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

56.6247, 0.3400, 0.2882

Protanopia

56.9271, 0.2874, 0.2917

Deuteranopia

56.8439, 0.3115, 0.3049



Tritanopia

56.6745, 0.3546, 0.3140

Trichromacy



Original Color

56.6247, 0.3400, 0.2882



Protanomaly

56.4093, 0.3051, 0.2895



Deuteranomaly

56.7200, 0.3214, 0.2989



Tritanomaly

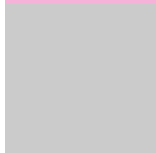
56.8199, 0.3488, 0.3046

Monochromacy



Original Color

56.6247, 0.3400, 0.2882



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.1977, 0.3223, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6247, 0.3400, 0.2882 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(247, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 217)  
}
```

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(247, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.6247, 0.3400, 0.2882 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(247, 178, 217) }
```

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

```
.border{ border-color:rgb(247, 178, 217) }
```

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

Here you see how a box with a 4 pixel rgb(247, 178, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6247, 0.3400, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 217) }
```

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

```
.background{ background-color: rgb(247,  
178, 217) }
```

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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