

Converting Colors

$Y_{xy}(74.2365, 0.4168, 0.3031)$

Have a look what the booklet for
Yxy(74.2365, 0.4168, 0.3031)
contains.

Yxy(56.8647, 0.3548, 0.2961)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8647, 0.3548, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0D0
RGB	255, 176, 208
RGB Percent	100%, 69%, 82%
CMY	0.0001, 0.3097, 0.1844
CMYK	0.00, 0.31, 0.18, 0.00
HSL	336°, 100%, 85%
HSV	336°, 31%, 100%
XYZ	68.1378, 56.8647, 67.0431
YIQ	203.2690, 36.8120, 26.7000

Conversions

Conversions Part 2

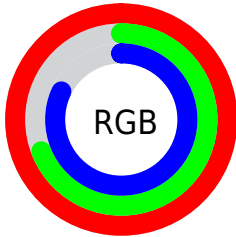
Format	Color
R _Y B	255, 176, 208
Decimal	16756944
CIE Lab	80.10, 33.25, -4.45
CIE LCh	80, 33.551, 352.373
Yxy	56.8647, 0.3548, 0.2961
Android (android.graphics.Color)	4294947024 (0xFFFFB0D0)
YUV	203.2690, 2.3324, 45.3681
Hunter-Lab	75.4087, 29.3238, 0.0735

Details

The Yxy color **56.8647, 0.3548, 0.2961** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.0583, 0.2839, 0.3647**, and the grayscale version is **59.8672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.1225, 0.3653, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **47.0769, 0.3745, 0.2852**, and if you desaturate by 10%, it is **68.6069, 0.3384, 0.3072**.

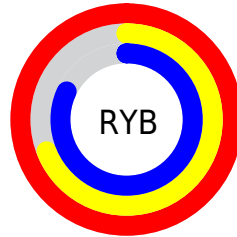
Distribution



Red (100%)

Green (69%)

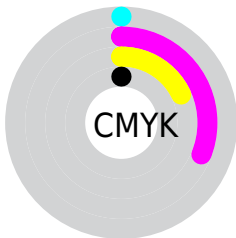
Blue (82%)



Red (100%)

Yellow (69%)

Blue (82%)

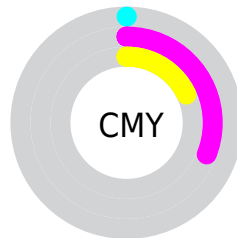


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8647, 0.3548, 0.2961 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 56.8647, 0.3548, 0.2961 by changing the saturation by 10% instead.


 56.8647, 0.3548,
0.2961

 56.8647, 0.3548,
0.2961


412.9421, 0.3346,
0.3117

 40.8966, 0.3596,
0.2925


 100.2677, 0.3477,
0.3016

 28.2383, 0.3656,
0.2879


128.4715, 0.3449,
0.3037

 18.5054, 0.3734,
0.2821


161.5226, 0.3426,
0.3055

 11.3134, 0.3838,
0.2743

199.8054, 0.3406,
0.3071

 6.2781, 0.3985,
0.2636

243.7044, 0.3388,
0.3084

 3.0149, 0.4207,
0.2476


293.6039, 0.3372,

 1.1395, 0.4581,

0.3096

0.2216


349.8884, 0.3359,
0.3107


 0.0115, 0.7105,
0.0099


 0.0000, 0.0000,
0.0000


 56.8647, 0.3548,
0.2961


 56.8647, 0.3548,
0.2961

 47.0769, 0.3745,
0.2852


 68.6069, 0.3384,
0.3072

 39.1283, 0.3978,
0.2752

 82.3946, 0.3248,
0.3179

 32.9036, 0.4246,
0.2671

 98.3228, 0.3137,
0.3281

 28.2712, 0.4541,
0.2622

99.9930, 0.3127,
0.3290

■ 25.0803, 0.4851,
0.2618

■ 23.1501, 0.5154,
0.2667

■ 22.2362, 0.5407,
0.2752

Harmonies

Analogous

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



56.8647, 0.3104, 0.2710



56.8647, 0.3548, 0.2961



56.8647, 0.3888, 0.3293

Triad

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



56.8647, 0.3548, 0.2961



56.8647, 0.3532, 0.4082



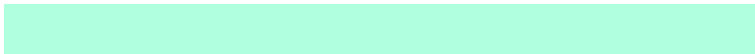
56.8647, 0.2321, 0.2843

Complementary

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



56.8647, 0.3548, 0.2961



86.0583, 0.2839, 0.3647

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.



56.8647, 0.2417, 0.3212



56.8647, 0.3548, 0.2961



56.8647, 0.3101, 0.3981

Square

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



56.8647, 0.3548, 0.2961



56.8647, 0.3868, 0.3941



56.8647, 0.2696, 0.3646



56.8647, 0.2418, 0.2628

Rectangle

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



56.8647, 0.3548, 0.2961



56.8647, 0.3995, 0.3530



56.8647, 0.2696, 0.3646



56.8647, 0.2331, 0.2952

Sweetspot

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



56.8673, 0.3548, 0.2961



85.3725, 0.3224, 0.3199



53.8202, 0.2908, 0.2456



17.8026, 0.3242, 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.



56.8673, 0.3548, 0.2961



50.7436, 0.3663, 0.2895



58.0931, 0.3814, 0.3361



18.1089, 0.3230, 0.3194



11.6504, 0.5365, 0.2729



1.1553, 0.5065, 0.2564

Inverse Universe

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



56.8673, 0.3548, 0.2961



50.7436, 0.3663, 0.2895



83.8229, 0.2673, 0.3217



18.1089, 0.3230, 0.3194



11.6504, 0.5365, 0.2729



1.1553, 0.5065, 0.2564

Previews

White Background



This preview shows how the Yxy color 56.8647, 0.3548, 0.2961 looks on a white background.

Color Contrast Check

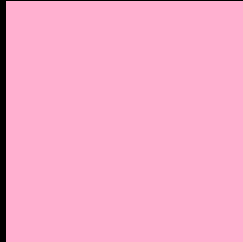
Large Text (above 18pt) WCAG AA × Fail

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 56.8647, 0.3548, 0.2961 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 56.8647, 0.3548, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 56.8647, 0.3548, 0.2961.



This preview shows how white text looks on a background with the Yxy color 56.8647, 0.3548, 0.2961.

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

56.8647, 0.3548, 0.2961

Protanopia

57.3444, 0.2950, 0.3020

Deuteranopia

57.1466, 0.3222, 0.3153



Tritanopia

56.9286, 0.3666, 0.3155

Trichromacy



Original Color

56.8647, 0.3548, 0.2961



Protanomaly

56.5365, 0.3149, 0.2996



Deuteranomaly

56.8199, 0.3336, 0.3080



Tritanomaly

56.9888, 0.3623, 0.3083

Monochromacy



Original Color

56.8647, 0.3548, 0.2961



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.0773, 0.3271, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8647, 0.3548, 0.2961 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, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 208)  
}
```

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, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.8647, 0.3548, 0.2961 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, 176, 208) }
```

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

```
.border{ border-color:rgb(255, 176, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8647, 0.3548, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 208) }
```

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

```
.background{ background-color: rgb(255,  
176, 208) }
```

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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