

Converting Colors

$Y_{xy}(60.6540, 0.3592, 0.3142)$

Have a look what the booklet for
Yxy(60.6540, 0.3592, 0.3142)
contains.

Yxy(60.5949, 0.3588, 0.3136)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.5949, 0.3588, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC9
RGB	255, 186, 201
RGB Percent	100%, 73%, 79%
CMY	0.0002, 0.2705, 0.2118
CMYK	0.00, 0.27, 0.21, 0.00
HSL	347°, 100%, 86%
HSV	347°, 27%, 100%
XYZ	69.3286, 60.5949, 63.3000
YIQ	208.3410, 36.3090, 19.2930

Conversions

Conversions Part 2

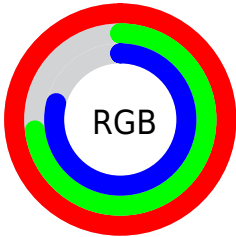
Format	Color
R _Y B	255, 186, 201
Decimal	16759497
CIE Lab	82.16, 26.98, 2.32
CIE LCh	82, 27.079, 4.917
Yxy	60.5949, 0.3588, 0.3136
Android (android.graphics.Color)	4294949577 (0xFFFFBAC9)
YUV	208.3410, -3.6191, 40.9199
Hunter-Lab	77.8427, 22.7516, 6.2766

Details

The Yxy color **60.5949, 0.3588, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2229, 0.2806, 0.3451**, and the grayscale version is **63.3163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.4794, 0.3707, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **49.9157, 0.3836, 0.3077**, and if you desaturate by 10%, it is **73.3182, 0.3386, 0.3195**.

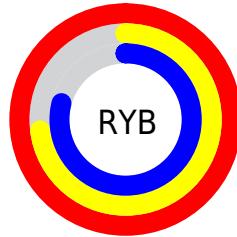
Distribution



Red (100%)

Green (73%)

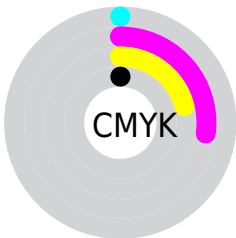
Blue (79%)



Red (100%)

Yellow (73%)

Blue (79%)

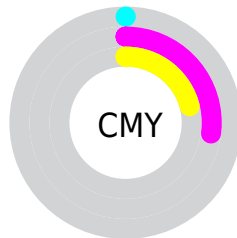


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5949, 0.3588, 0.3136 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 60.5949, 0.3588, 0.3136 by changing the saturation by 10% instead.


 60.5949, 0.3588,
0.3136

 60.5949, 0.3588,
0.3136

426.7871, 0.3367,
0.3211

 43.8983, 0.3640,
0.3118

 105.6922, 0.3510,
0.3163

 30.5906, 0.3706,
0.3095


134.8616, 0.3480,
0.3173

 20.2873, 0.3792,
0.3065

168.9575, 0.3454,
0.3182

 12.6040, 0.3906,
0.3024

208.3642, 0.3432,
0.3189

 7.1565, 0.4068,
0.2966

253.4661, 0.3413,
0.3196

 3.5601, 0.4312,
0.2876


304.6477, 0.3396,

 1.4307, 0.4722,


0.3202


0.2721


362.2932, 0.3380,
0.3207


 0.2392, 0.7244,
0.1954


 0.0000, 0.0000,
0.0000


 60.5949, 0.3588,
0.3136


 60.5949, 0.3588,
0.3136

 49.9157, 0.3836,
0.3077

 73.3182, 0.3386,
0.3195

 41.1657, 0.4135,
0.3022

 88.1759, 0.3223,
0.3252

 34.2313, 0.4487,
0.2978

99.9912, 0.3127,
0.3290

 28.9837, 0.4881,
0.2956

■ 25.2770, 0.5292,
0.2964

■ 22.9399, 0.5679,
0.3011

■ 21.7555, 0.5993,
0.3093

■ 21.5307, 0.6070,
0.3118

Harmonies

Analogous

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



60.5949, 0.3261, 0.2897



60.5949, 0.3588, 0.3136



60.5949, 0.3789, 0.3420

Triad

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



60.5949, 0.3588, 0.3136



60.5949, 0.3315, 0.3900



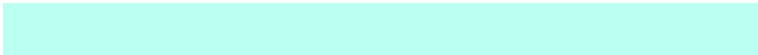
60.5949, 0.2494, 0.2850

Complementary

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



60.5949, 0.3588, 0.3136



88.2229, 0.2806, 0.3451

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.



60.5949, 0.2507, 0.3101



60.5949, 0.3588, 0.3136



60.5949, 0.2969, 0.3736

Square

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



60.5949, 0.3588, 0.3136



60.5949, 0.3621, 0.3874



60.5949, 0.2676, 0.3431



60.5949, 0.2638, 0.2730

Rectangle

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



60.5949, 0.3588, 0.3136



60.5949, 0.3819, 0.3605



60.5949, 0.2676, 0.3431



60.5949, 0.2480, 0.2920

Sweetspot

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



60.5977, 0.3588, 0.3136



86.6817, 0.3237, 0.3247



60.6747, 0.3036, 0.2589



18.0517, 0.3260, 0.3239



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.



60.5977, 0.3588, 0.3136



55.0679, 0.3705, 0.3106



68.1774, 0.3666, 0.3482



18.0517, 0.3260, 0.3239



11.2727, 0.6033, 0.3097



1.1129, 0.5728, 0.2929

Inverse Universe

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



60.5977, 0.3588, 0.3136



55.0679, 0.3705, 0.3106



77.9811, 0.2712, 0.3089



18.0517, 0.3260, 0.3239



11.2727, 0.6033, 0.3097



1.1129, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 60.5949, 0.3588, 0.3136 looks on a white background.

Color Contrast Check

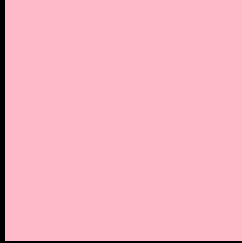
Large Text (above 18pt) WCAG AA × Fail

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 60.5949, 0.3588, 0.3136 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 60.5949, 0.3588, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 60.5949, 0.3588, 0.3136.



This preview shows how white text looks on a background with the Yxy color 60.5949, 0.3588, 0.3136.

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

60.5949, 0.3588, 0.3136

Protanopia

61.0107, 0.3093, 0.3209

Deuteranopia

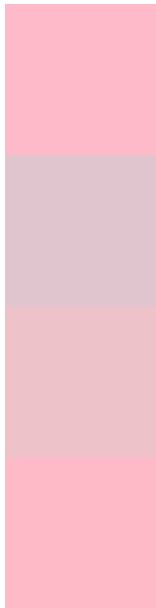
60.8426, 0.3352, 0.3280



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.5949, 0.3588, 0.3136

Protanomaly

60.2848, 0.3267, 0.3179

Deuteranomaly

60.7582, 0.3432, 0.3226

Tritanomaly

60.5479, 0.3597, 0.3146

Monochromacy



Original Color

60.5949, 0.3588, 0.3136

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7239, 0.3287, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5949, 0.3588, 0.3136 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, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 201)  
}
```

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, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.5949, 0.3588, 0.3136 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, 186, 201) }
```

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

```
.border{ border-color:rgb(255, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5949, 0.3588, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 201) }
```

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

```
.background{ background-color: rgb(255,  
186, 201) }
```

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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