

Converting Colors

$Y_{xy}(60.0242, 0.3388, 0.2840)$

Have a look what the booklet for
Yxy(60.0242, 0.3388, 0.2840)
contains.

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Color

Yxy(60.2069, 0.3387, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E2
RGB	255, 182, 226
RGB Percent	100%, 71%, 89%
CMY	0.0000, 0.2863, 0.1137
CMYK	0.00, 0.29, 0.11, 0.00
HSL	324°, 100%, 86%
HSV	324°, 29%, 100%
XYZ	71.7021, 60.2069, 79.7890
YIQ	208.8430, 29.3840, 29.1600

Conversions

Conversions Part 2

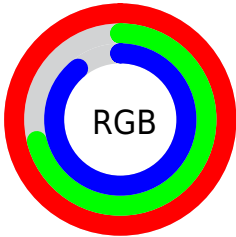
Format	Color
R _Y B	255, 182, 226
Decimal	16758498
CIE Lab	81.95, 32.96, -11.43
CIE LCh	82, 34.889, 340.874
Yxy	60.2069, 0.3387, 0.2844
Android (android.graphics.Color)	4294948578 (0xFFFFB6E2)
YUV	208.8430, 8.4584, 40.4797
Hunter-Lab	77.5931, 29.1600, -6.6527

Details

The Yxy color **60.2069, 0.3387, 0.2844** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.1675, 0.2934, 0.3784**, and the grayscale version is **63.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **30.2489, 0.3441, 0.2732** is the 20% darker color. If you saturate the color by 10%, you get **50.1540, 0.3510, 0.2684**, and if you desaturate by 10%, it is **72.1891, 0.3281, 0.3005**.

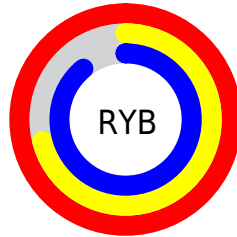
Distribution



Red (100%)

Green (71%)

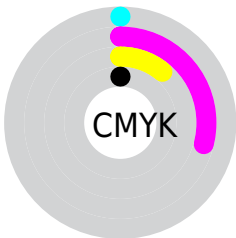
Blue (89%)



Red (100%)

Yellow (71%)

Blue (89%)

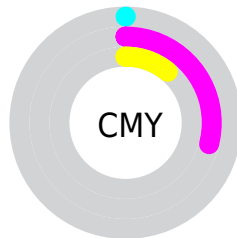


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2069, 0.3387, 0.2844 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 60.2069, 0.3387, 0.2844 by changing the saturation by 10% instead.

 60.2069, 0.3387,
0.2844

 60.2069, 0.3387,
0.2844

425.3600, 0.3267,
0.3049

 43.5854, 0.3415,
0.2797


 105.1297, 0.3345,
0.2915

 30.3447, 0.3449,
0.2740


134.1999, 0.3329,
0.2943

 20.1004, 0.3492,
0.2668

168.1884, 0.3315,
0.2967

 12.4680, 0.3548,
0.2574

207.4797, 0.3303,
0.2987

 7.0633, 0.3625,
0.2447

252.4580, 0.3292,
0.3006

 3.5017, 0.3735,
0.2266


303.5080, 0.3283,


 1.3989, 0.3907,


0.3022

0.1990


361.0138, 0.3274,
0.3036


 0.2159, 0.4493,
0.0950


 0.0000, 0.0000,
0.0000


 60.2069, 0.3387,
0.2844


 60.2069, 0.3387,
0.2844

 50.1540, 0.3510,
0.2684


 72.1891, 0.3281,
0.3005

 41.9343, 0.3653,
0.2533

 86.2043, 0.3192,
0.3161

 35.4316, 0.3813,
0.2401

100.0000, 0.3127,
0.3290

 30.5192, 0.3988,
0.2300

■ 27.0531, 0.4172,
0.2241

■ 24.8626, 0.4357,
0.2234

■ 23.7050, 0.4537,
0.2279

■ 23.5827, 0.4562,
0.2287

Harmonies

Analogous

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



60.2069, 0.2932, 0.2634



60.2069, 0.3387, 0.2844



60.2069, 0.3792, 0.3157

Triad

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



60.2069, 0.3387, 0.2844



60.2069, 0.3689, 0.4068



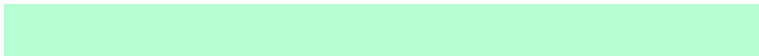
60.2069, 0.2320, 0.2962

Complementary

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



60.2069, 0.3387, 0.2844



86.1675, 0.2934, 0.3784

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.



60.2069, 0.2492, 0.3380



60.2069, 0.3387, 0.2844



60.2069, 0.3272, 0.4067

Square

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



60.2069, 0.3387, 0.2844



60.2069, 0.3965, 0.3850



60.2069, 0.2835, 0.3806



60.2069, 0.2344, 0.2678

Rectangle

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



60.2069, 0.3387, 0.2844



60.2069, 0.3964, 0.3395



60.2069, 0.2835, 0.3806



60.2069, 0.2356, 0.3091

Sweetspot

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



60.2043, 0.3387, 0.2844



85.6480, 0.3195, 0.3155



54.3723, 0.2819, 0.2499



17.8704, 0.3207, 0.3133



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.



60.2043, 0.3387, 0.2844



54.5729, 0.3451, 0.2758



58.4537, 0.3688, 0.3203



18.1710, 0.3199, 0.3148



12.3528, 0.4533, 0.2271



1.2243, 0.4340, 0.2165

Inverse Universe

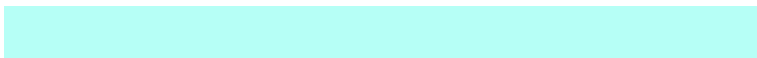
The Inverse Universe completely reimagines the original color for something new.



60.2043, 0.3387, 0.2844



54.5729, 0.3451, 0.2758



88.1479, 0.2752, 0.3381



18.1710, 0.3199, 0.3148



12.3528, 0.4533, 0.2271



1.2243, 0.4340, 0.2165

Previews

White Background



This preview shows how the Yxy color 60.2069, 0.3387, 0.2844 looks on a white background.

Color Contrast Check

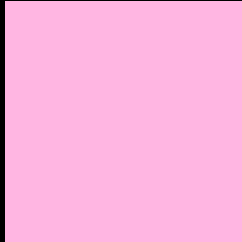
Large Text (above 18pt) WCAG AA × Fail

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 60.2069, 0.3387, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

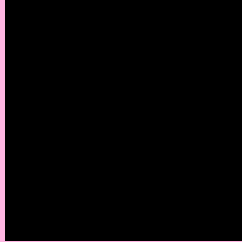
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2069, 0.3387, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 60.2069, 0.3387, 0.2844.



This preview shows how white text looks on a background with the Yxy color 60.2069, 0.3387, 0.2844.

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

60.2069, 0.3387, 0.2844

Protanopia

60.3434, 0.2841, 0.2870

Deuteranopia

60.1630, 0.3079, 0.3010



Tritanopia

60.0303, 0.3563, 0.3134

Trichromacy



Original Color

60.2069, 0.3387, 0.2844



Protanomaly

59.8762, 0.3025, 0.2862



Deuteranomaly

59.9041, 0.3191, 0.2944



Tritanomaly

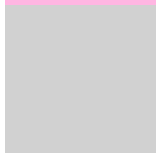
60.2337, 0.3498, 0.3032

Monochromacy



Original Color

60.2069, 0.3387, 0.2844



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.9219, 0.3221, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2069, 0.3387, 0.2844 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, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 226)  
}
```

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, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.2069, 0.3387, 0.2844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

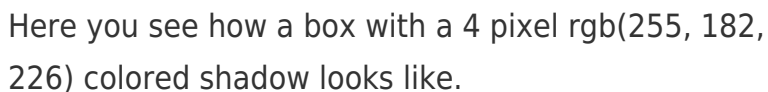
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 182, 226) }
```

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

```
.border{ border-color:rgb(255, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 182, 226); box-shadow:4px 4px 4px 4px rgb(255, 182, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2069, 0.3387, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 226) }
```

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

```
.background{ background-color: rgb(255,  
182, 226) }
```

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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