

Converting Colors

$Y_{xy}(60.6421, 0.3580, 0.3126)$

Have a look what the booklet for
Yxy(60.6421, 0.3580, 0.3126)
contains.

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Color

Yxy(60.6421, 0.3580, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FFBACA
RGB	255, 186, 202
RGB Percent	100%, 73%, 79%
CMY	0.0001, 0.2705, 0.2080
CMYK	0.00, 0.27, 0.21, 0.00
HSL	346°, 100%, 86%
HSV	346°, 27%, 100%
XYZ	69.4494, 60.6421, 63.9012
YIQ	208.4550, 35.9880, 19.6040

Conversions

Conversions Part 2

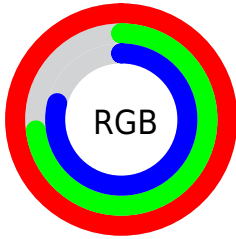
Format	Color
R _Y B	255, 186, 202
Decimal	16759498
CIE Lab	82.19, 27.13, 1.84
CIE LCh	82, 27.193, 3.876
Yxy	60.6421, 0.3580, 0.3126
Android (android.graphics.Color)	4294949578 (0xFFFFBACA)
YUV	208.4550, -3.1823, 40.8200
Hunter-Lab	77.8730, 22.9135, 5.8588

Details

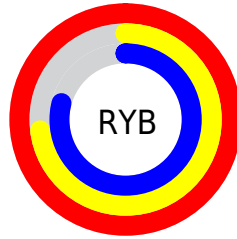
The Yxy color **60.6421, 0.3580, 0.3126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1794, 0.2811, 0.3462**, and the grayscale version is **63.3910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **30.5110, 0.3695, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **49.9716, 0.3823, 0.3063**, and if you desaturate by 10%, it is **73.3529, 0.3382, 0.3189**.

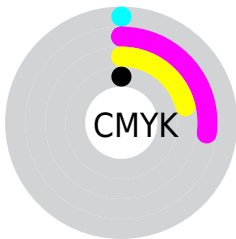
Distribution



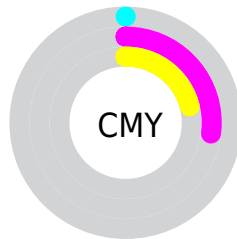
- Red (100%)
- Green (73%)
- Blue (79%)



- 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 60.6421, 0.3580, 0.3126 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 60.6421, 0.3580, 0.3126 by changing the saturation by 10% instead.


 60.6421, 0.3580,
0.3126

 60.6421, 0.3580,
0.3126


426.9605, 0.3363,
0.3206

 43.9364, 0.3632,
0.3107


 105.7606, 0.3503,
0.3154

 30.6205, 0.3696,
0.3083


134.9421, 0.3474,
0.3165

 20.3100, 0.3780,
0.3051

169.0510, 0.3449,
0.3174

 12.6206, 0.3892,
0.3009

208.4718, 0.3427,
0.3182

 7.1678, 0.4050,
0.2948

253.5887, 0.3408,
0.3189

 3.5673, 0.4289,
0.2855


304.7862, 0.3391,

 1.4346, 0.4690,

0.3195

0.2695


362.4487, 0.3376,
0.3201


 0.2420, 0.7032,
0.1905


 0.0000, 0.0000,
0.0000


 60.6421, 0.3580,
0.3126


 60.6421, 0.3580,
0.3126

 49.9716, 0.3823,
0.3063


 73.3529, 0.3382,
0.3189

 41.2266, 0.4116,
0.3004

 88.1942, 0.3221,
0.3250

 34.2939, 0.4460,
0.2957

99.9952, 0.3127,
0.3290

 29.0450, 0.4847,
0.2932

■ 25.3342, 0.5252,
0.2939

■ 22.9908, 0.5636,
0.2986

■ 21.7978, 0.5952,
0.3070

■ 21.5706, 0.6031,
0.3096

Harmonies

Analogous

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



60.6421, 0.3249, 0.2889



60.6421, 0.3580, 0.3126



60.6421, 0.3788, 0.3410

Triad

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



60.6421, 0.3580, 0.3126



60.6421, 0.3327, 0.3905



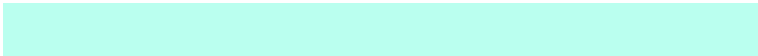
60.6421, 0.2489, 0.2855

Complementary

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



60.6421, 0.3580, 0.3126



88.1794, 0.2811, 0.3462

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.



60.6421, 0.2508, 0.3111



60.6421, 0.3580, 0.3126



60.6421, 0.2980, 0.3747

Square

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



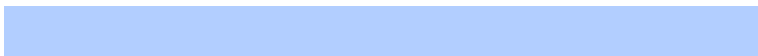
60.6421, 0.3580, 0.3126



60.6421, 0.3632, 0.3872



60.6421, 0.2683, 0.3444



60.6421, 0.2628, 0.2730

Rectangle

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



60.6421, 0.3580, 0.3126



60.6421, 0.3822, 0.3597



60.6421, 0.2683, 0.3444



60.6421, 0.2478, 0.2927

Sweetspot

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



60.6449, 0.3580, 0.3126



86.6987, 0.3235, 0.3244



60.6761, 0.3036, 0.2589



18.0559, 0.3258, 0.3235



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.



60.6449, 0.3580, 0.3126



55.1186, 0.3694, 0.3094



68.1818, 0.3666, 0.3482



18.0559, 0.3258, 0.3235



11.2924, 0.5993, 0.3075



1.1154, 0.5683, 0.2904

Inverse Universe

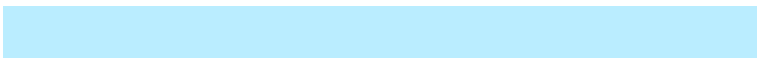
The Inverse Universe completely reimagines the original color for something new.



60.6449, 0.3580, 0.3126



55.1186, 0.3694, 0.3094



77.9898, 0.2712, 0.3089



18.0559, 0.3258, 0.3235



11.2924, 0.5993, 0.3075



1.1154, 0.5683, 0.2904

Previews

White Background



This preview shows how the Yxy color 60.6421, 0.3580, 0.3126 looks on a white background.

Color Contrast Check

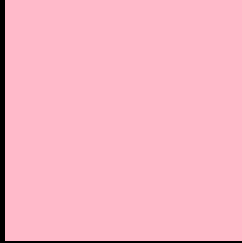
Large Text (above 18pt) WCAG AA × Fail

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 60.6421, 0.3580, 0.3126 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 60.6421, 0.3580, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 60.6421, 0.3580, 0.3126.



This preview shows how white text looks on a background with the Yxy color 60.6421, 0.3580, 0.3126.

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

60.6421, 0.3580, 0.3126

Protanopia

61.0610, 0.3086, 0.3198

Deuteranopia

60.7270, 0.3336, 0.3268



Tritanopia

60.5949, 0.3588, 0.3136

Trichromacy



Original Color

60.6421, 0.3580, 0.3126

Protanomaly

60.3339, 0.3260, 0.3168

Deuteranomaly

60.8051, 0.3424, 0.3215

Tritanomaly

60.5949, 0.3588, 0.3136

Monochromacy



Original Color

60.6421, 0.3580, 0.3126

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7723, 0.3280, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6421, 0.3580, 0.3126 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.6421, 0.3580, 0.3126 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, 202) }
```

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

```
.border{ border-color:rgb(255, 186, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6421, 0.3580, 0.3126 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, 202) }
```

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

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