

Converting Colors

$Y_{xy}(60.2276, 0.3706, 0.3287)$

Have a look what the booklet for
Yxy(60.2276, 0.3706, 0.3287)
contains.

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Color

Yxy(60.3885, 0.3706, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBB
RGB	255, 187, 187
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2667, 0.2668
CMYK	0.00, 0.27, 0.27, 0.00
HSL	0°, 100%, 87%
HSV	0°, 27%, 100%
XYZ	67.9829, 60.3885, 55.0687
YIQ	207.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

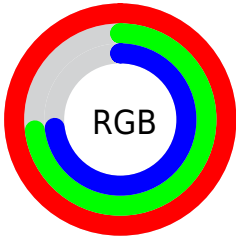
Format	Color
R _Y B	255, 187, 187
Decimal	16759739
CIE Lab	82.05, 24.53, 9.70
CIE LCh	82, 26.379, 21.581
Yxy	60.3885, 0.3706, 0.3292
Android (android.graphics.Color)	4294949819 (0xFFFFBBB)
YUV	207.3320, -10.0237, 41.8048
Hunter-Lab	77.7100, 20.1642, 12.3815

Details

The Yxy color **60.3885, 0.3706, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2811, 0.2736, 0.3289**, and the grayscale version is **62.6652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8322, 0.3206, 0.3290**, and **30.3666, 0.3856, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **49.5188, 0.4027, 0.3293**, and if you desaturate by 10%, it is **73.3688, 0.3447, 0.3291**.

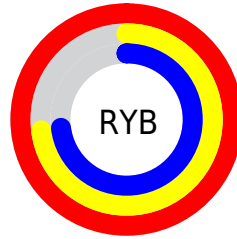
Distribution



Red (100%)

Green (73%)

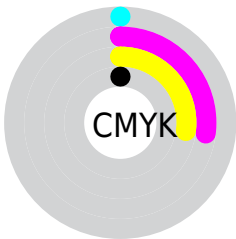
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

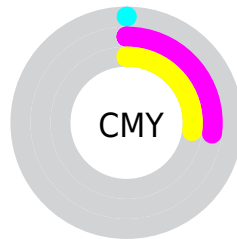


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3885, 0.3706, 0.3292 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 60.3885, 0.3706, 0.3292 by changing the saturation by 10% instead.


 60.3885, 0.3706,
0.3292

 60.3885, 0.3706,
0.3292


426.0283, 0.3427,
0.3297

 43.7319, 0.3773,
0.3289


 105.3930, 0.3607,
0.3295

 30.4598, 0.3857,
0.3285


134.5097, 0.3569,
0.3296

 20.1878, 0.3966,
0.3279


168.5485, 0.3536,
0.3296

 12.5316, 0.4112,
0.3268

207.8938, 0.3508,
0.3296

 7.1068, 0.4319,
0.3248

252.9301, 0.3484,
0.3297

 3.5290, 0.4632,
0.3208


304.0416, 0.3463,

 1.4138, 0.5167,


0.3297


0.3123


361.6129, 0.3444,
0.3297

 0.2268, 0.7822,
0.2178


 0.0000, 0.0000,
0.0000


 60.3885, 0.3706,
0.3292

 60.3885, 0.3706,
0.3292

 49.5188, 0.4027,
0.3293


 73.3688, 0.3447,
0.3291

 40.6516, 0.4416,
0.3294

 88.5669, 0.3241,
0.3290

 33.6637, 0.4867,
0.3296

100.0000, 0.3127,
0.3290

 28.4198, 0.5352,
0.3297

■ 24.7663, 0.5811,
0.3299

■ 22.5234, 0.6167,
0.3299

■ 21.4649, 0.6361,
0.3300

■ 21.2625, 0.6401,
0.3300

Harmonies

Analogous

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



60.3885, 0.3444, 0.3028



60.3885, 0.3706, 0.3292



60.3885, 0.3803, 0.3569

Triad

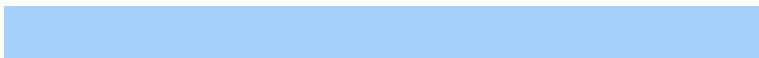
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.3885, 0.3706, 0.3292



60.3885, 0.3122, 0.3817



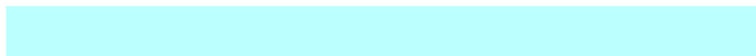
60.3885, 0.2569, 0.2778

Complementary

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



60.3885, 0.3706, 0.3292



89.2811, 0.2736, 0.3289

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.



60.3885, 0.2495, 0.2956



60.3885, 0.3706, 0.3292



60.3885, 0.2803, 0.3570

Square

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



60.3885, 0.3706, 0.3292



60.3885, 0.3454, 0.3896



60.3885, 0.2578, 0.3245



60.3885, 0.2786, 0.2738

Rectangle

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



60.3885, 0.3706, 0.3292



60.3885, 0.3759, 0.3730



60.3885, 0.2578, 0.3245



60.3885, 0.2527, 0.2823

Sweetspot

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



60.3873, 0.3706, 0.3292



86.4282, 0.3266, 0.3291



64.0076, 0.3158, 0.2624



17.9884, 0.3295, 0.3291



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.



60.3873, 0.3706, 0.3292



54.3477, 0.3868, 0.3293



76.5513, 0.3615, 0.3639



17.9884, 0.3295, 0.3291



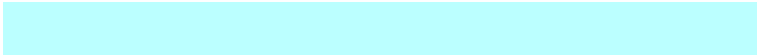
11.1107, 0.6400, 0.3300



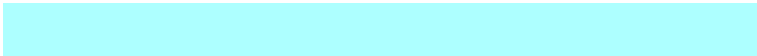
1.0823, 0.6400, 0.3301

Inverse Universe

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



89.2811, 0.2736, 0.3289



87.6462, 0.2668, 0.3288



69.4857, 0.2700, 0.2913



20.4800, 0.2980, 0.3289



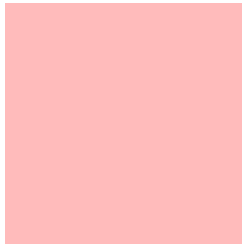
41.1053, 0.2246, 0.3286



4.0027, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 60.3885, 0.3706, 0.3292 looks on a white background.

Color Contrast Check

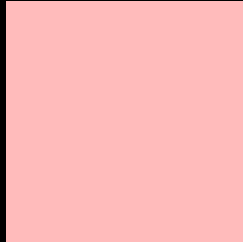
Large Text (above 18pt) WCAG AA × Fail

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 60.3885, 0.3706, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

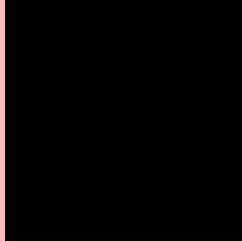
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3885, 0.3706, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 60.3885, 0.3706, 0.3292.

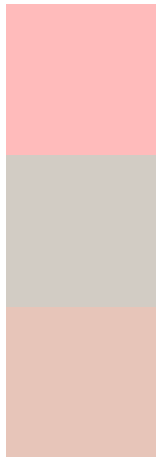


This preview shows how white text looks on a background with the Yxy color 60.3885, 0.3706, 0.3292.

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

60.3885, 0.3706, 0.3292

Protanopia

60.8729, 0.3231, 0.3383

Deuteranopia

60.4242, 0.3496, 0.3425



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.3885, 0.3706, 0.3292

Protanomaly

60.4072, 0.3390, 0.3347

Deuteranomaly

60.2104, 0.3572, 0.3368

Tritanomaly

60.3179, 0.3640, 0.3198

Monochromacy



Original Color

60.3885, 0.3706, 0.3292

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3260, 0.3317, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3885, 0.3706, 0.3292 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, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 187)  
}
```

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, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 187) }
```

Border

The CSS property to change the border of an element to Yxy 60.3885, 0.3706, 0.3292 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, 187, 187) }
```

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

```
.border{ border-color:rgb(255, 187, 187) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3885, 0.3706, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 187) }
```

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

```
.background{ background-color: rgb(255,  
187, 187) }
```

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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