

Converting Colors

$Y_{xy}(66.1933, 0.3576, 0.3289)$

Have a look what the booklet for
Yxy(66.1933, 0.3576, 0.3289)
contains.

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Color

Yxy(66.2304, 0.3577, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C7
RGB	255, 199, 199
RGB Percent	100%, 78%, 78%
CMY	0.0000, 0.2197, 0.2196
CMYK	0.00, 0.22, 0.22, 0.00
HSL	360°, 100%, 89%
HSV	360°, 22%, 100%
XYZ	71.9861, 66.2304, 63.0306
YIQ	215.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

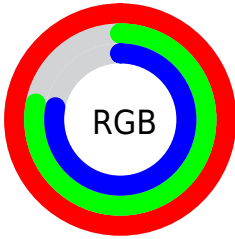
Format	Color
R _Y B	255, 199, 199
Decimal	16762823
CIE Lab	85.11, 19.93, 7.65
CIE LCh	85, 21.347, 21.001
Yxy	66.2304, 0.3577, 0.3291
Android (android.graphics.Color)	4294952903 (0xFFFFC7C7)
YUV	215.7440, -8.2548, 34.4275
Hunter-Lab	81.3821, 15.4726, 11.0472

Details

The Yxy color **66.2304, 0.3577, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.8783, 0.2800, 0.3289**, and the grayscale version is **68.5206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1654, 0.3686, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **54.3715, 0.3867, 0.3292**, and if you desaturate by 10%, it is **80.2420, 0.3344, 0.3291**.

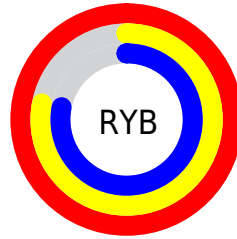
Distribution



Red (100%)

Green (78%)

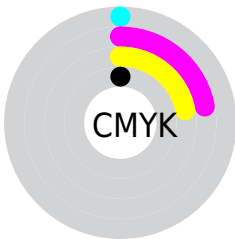
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

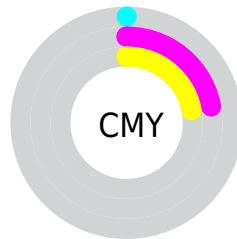


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2304, 0.3577, 0.3291 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 66.2304, 0.3577, 0.3291 by changing the saturation by 10% instead.

 66.2304, 0.3577,
0.3291

 66.2304, 0.3577,
0.3291


447.2004, 0.3364,
0.3294

 48.4595, 0.3627,
0.3289


113.8170, 0.3502,
0.3293

 34.1909, 0.3690,
0.3287

144.4014, 0.3473,
0.3293

 23.0403, 0.3770,
0.3283


180.0257, 0.3448,
0.3293

 14.6233, 0.3877,
0.3277

221.0744, 0.3427,
0.3294

 8.5554, 0.4025,
0.3266

267.9318, 0.3408,
0.3294

 4.4523, 0.4246,
0.3245


320.9824, 0.3391,


 1.9297, 0.4607,

0.3294

0.3198


380.6104, 0.3377,
0.3294


 0.5661, 0.6158,
0.3358

 0.0000, 0.0000,
0.0000


 66.2304, 0.3577,
0.3291


 66.2304, 0.3577,
0.3291

 54.3715, 0.3867,
0.3292


 80.2420, 0.3344,
0.3291

 44.5748, 0.4224,
0.3293

 96.5239, 0.3159,
0.3290

 36.7176, 0.4647,
0.3294

100.0000, 0.3127,
0.3290

 30.6711, 0.5122,
0.3295

■ 26.2910, 0.5603,
0.3297

■ 23.4109, 0.6017,
0.3298

■ 21.8303, 0.6291,
0.3299

■ 21.2603, 0.6400,
0.3300

Harmonies

Analogous

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



66.2304, 0.3372, 0.3079



66.2304, 0.3577, 0.3291



66.2304, 0.3656, 0.3512

Triad

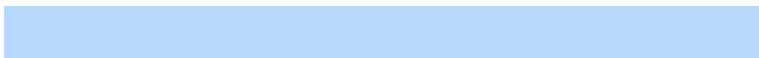
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2304, 0.3577, 0.3291



66.2304, 0.3131, 0.3701



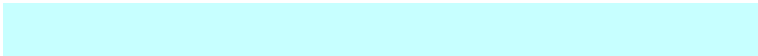
66.2304, 0.2683, 0.2888

Complementary

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



66.2304, 0.3577, 0.3291



90.8783, 0.2800, 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.



66.2304, 0.2626, 0.3034



66.2304, 0.3577, 0.3291



66.2304, 0.2878, 0.3513

Square

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



66.2304, 0.3577, 0.3291



66.2304, 0.3391, 0.3763



66.2304, 0.2695, 0.3263



66.2304, 0.2855, 0.2851

Rectangle

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



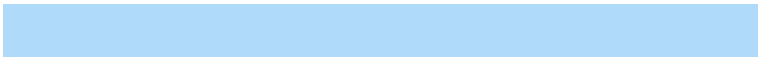
66.2304, 0.3577, 0.3291



66.2304, 0.3625, 0.3637



66.2304, 0.2695, 0.3263



66.2304, 0.2650, 0.2926

Sweetspot

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



66.2246, 0.3577, 0.3291



88.0390, 0.3247, 0.3290



69.1438, 0.3146, 0.2741



18.6347, 0.3258, 0.3290



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.



66.2246, 0.3577, 0.3291



61.1888, 0.3686, 0.3291



79.8079, 0.3518, 0.3565



17.9872, 0.3295, 0.3290



11.1090, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Inverse Universe

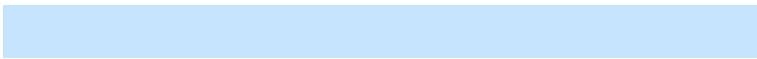
The Inverse Universe completely reimagines the original color for something new.



66.2246, 0.3577, 0.3291



61.1888, 0.3686, 0.3291



74.8066, 0.2778, 0.2998



17.9872, 0.3295, 0.3290



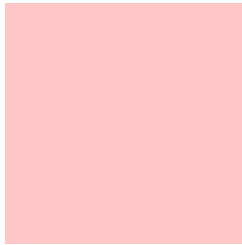
11.1090, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 66.2304, 0.3577, 0.3291 looks on a white background.

Color Contrast Check

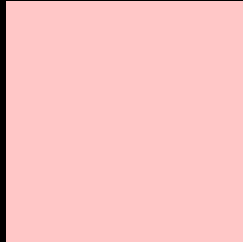
Large Text (above 18pt) WCAG AA × Fail

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 66.2304, 0.3577, 0.3291 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 66.2304, 0.3577, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 66.2304, 0.3577, 0.3291.

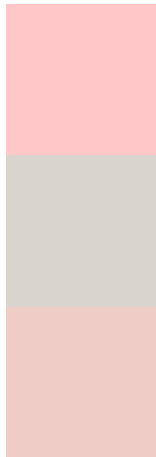


This preview shows how white text looks on a background with the Yxy color 66.2304, 0.3577, 0.3291.

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

66.2304, 0.3577, 0.3291

Protanopia

66.4486, 0.3213, 0.3357

Deuteranopia

66.0906, 0.3444, 0.3366



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.2304, 0.3577, 0.3291

Protanomaly

65.9264, 0.3340, 0.3334

Deuteranomaly

66.2016, 0.3496, 0.3344

Tritanomaly

66.1532, 0.3515, 0.3199

Monochromacy



Original Color

66.2304, 0.3577, 0.3291

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5693, 0.3278, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2304, 0.3577, 0.3291 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.2304, 0.3577, 0.3291 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, 199, 199) }
```

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

```
.border{ border-color:rgb(255, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2304, 0.3577, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 199) }
```

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

```
.background{ background-color: rgb(255,  
199, 199) }
```

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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