

Converting Colors

$Yxy(65.3404, 0.3593, 0.3289)$

Have a look what the booklet for
Yxy(65.3404, 0.3593, 0.3289)
contains.

Yxy(65.2237, 0.3597, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.2237, 0.3597, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C5
RGB	255, 197, 197
RGB Percent	100%, 77%, 77%
CMY	0.0000, 0.2274, 0.2273
CMYK	0.00, 0.23, 0.23, 0.00
HSL	360°, 100%, 89%
HSV	360°, 23%, 100%
XYZ	71.2883, 65.2237, 61.6761
YIQ	214.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

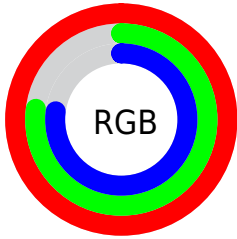
Format	Color
R _Y B	255, 197, 197
Decimal	16762309
CIE Lab	84.60, 20.67, 7.97
CIE LCh	85, 22.152, 21.073
Yxy	65.2237, 0.3597, 0.3291
Android (android.graphics.Color)	4294952389 (0xFFFFC5C5)
YUV	214.3420, -8.5496, 35.6571
Hunter-Lab	80.7612, 16.2306, 11.2539

Details

The Yxy color **65.2237, 0.3597, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6083, 0.2789, 0.3289**, and the grayscale version is **67.5312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2994, 0.3133, 0.3290**, and **33.4984, 0.3715, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **53.5370, 0.3892, 0.3292**, and if you desaturate by 10%, it is **79.0712, 0.3360, 0.3291**.

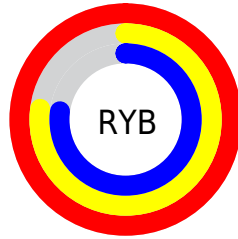
Distribution



Red (100%)

Green (77%)

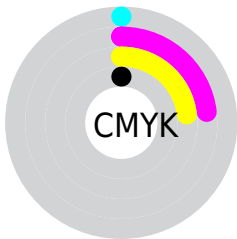
Blue (77%)



Red (100%)

Yellow (77%)

Blue (77%)

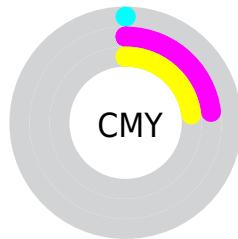


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2237, 0.3597, 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 65.2237, 0.3597, 0.3291 by changing the saturation by 10% instead.

 65.2237, 0.3597,
0.3291

 65.2237, 0.3597,
0.3291

443.5954, 0.3373,
0.3294

 47.6425, 0.3650,
0.3289

112.3714, 0.3518,
0.3293

 33.5439, 0.3715,
0.3287


142.7067, 0.3488,
0.3293

 22.5434, 0.3800,
0.3283


178.0621, 0.3462,
0.3294

 14.2567, 0.3913,
0.3276

218.8221, 0.3440,
0.3294

 8.2994, 0.4070,
0.3264

265.3711, 0.3420,
0.3294

 4.2871, 0.4305,
0.3240

318.0933, 0.3403,

 1.8354, 0.4689,

0.3294

0.3187

377.3733, 0.3387,
0.3294

0.5091, 0.6620,
0.3380

0.0000, 0.0000,
0.0000

65.2237, 0.3597,
0.3291

65.2237, 0.3597,
0.3291

53.5370, 0.3892,
0.3292

79.0712, 0.3360,
0.3291

43.8956, 0.4254,
0.3293

95.1734, 0.3172,
0.3290

36.1841, 0.4683,
0.3294

100.0000, 0.3127,
0.3290

30.2727, 0.5160,
0.3295

■ 26.0155, 0.5638,
0.3297

■ 23.2443, 0.6044,
0.3298

■ 21.7549, 0.6305,
0.3299

■ 21.2603, 0.6400,
0.3299

Harmonies

Analogous

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



65.2237, 0.3383, 0.3071



65.2237, 0.3597, 0.3291



65.2237, 0.3679, 0.3521

Triad

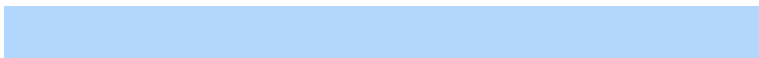
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.2237, 0.3597, 0.3291



65.2237, 0.3130, 0.3719



65.2237, 0.2664, 0.2871

Complementary

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



65.2237, 0.3597, 0.3291



90.6083, 0.2789, 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.



65.2237, 0.2605, 0.3022



65.2237, 0.3597, 0.3291



65.2237, 0.2866, 0.3522

Square

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



65.2237, 0.3597, 0.3291



65.2237, 0.3401, 0.3783



65.2237, 0.2677, 0.3261



65.2237, 0.2844, 0.2833

Rectangle

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



65.2237, 0.3597, 0.3291



65.2237, 0.3646, 0.3652



65.2237, 0.2677, 0.3261



65.2237, 0.2630, 0.2909

Sweetspot

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



65.2260, 0.3597, 0.3291



88.0391, 0.3247, 0.3290



68.2303, 0.3147, 0.2721



18.6347, 0.3258, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

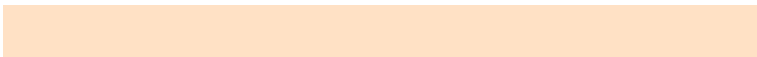
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2260, 0.3597, 0.3291



59.9943, 0.3715, 0.3291



79.1602, 0.3535, 0.3576



17.9873, 0.3295, 0.3290



11.1091, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Inverse Universe

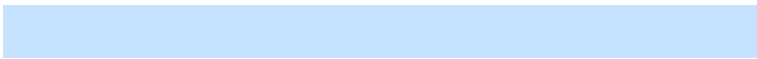
The Inverse Universe completely reimagines the original color for something new.



65.2260, 0.3597, 0.3291



59.9943, 0.3715, 0.3291



74.0108, 0.2765, 0.2986



17.9873, 0.3295, 0.3290



11.1091, 0.6400, 0.3299



1.0817, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 65.2237, 0.3597, 0.3291 looks on a white background.

Color Contrast Check

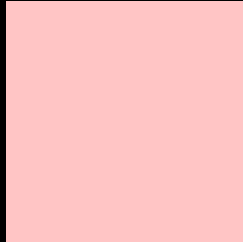
Large Text (above 18pt) WCAG AA × Fail

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 65.2237, 0.3597, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

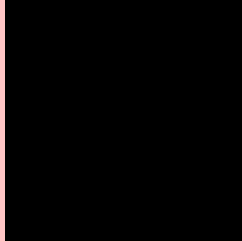
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2237, 0.3597, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 65.2237, 0.3597, 0.3291.

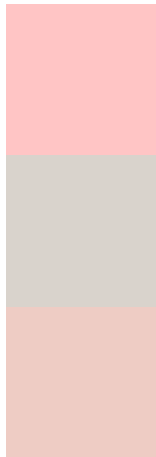


This preview shows how white text looks on a background with the Yxy color 65.2237, 0.3597, 0.3291.

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

65.2237, 0.3597, 0.3291

Protanopia

65.6999, 0.3221, 0.3369

Deuteranopia

65.3484, 0.3453, 0.3378



Tritanopia

65.3930, 0.3495, 0.3147

Trichromacy



Original Color

65.2237, 0.3597, 0.3291

Protanomaly

65.3486, 0.3357, 0.3345

Deuteranomaly

64.9919, 0.3507, 0.3344

Tritanomaly

65.1476, 0.3535, 0.3198

Monochromacy



Original Color

65.2237, 0.3597, 0.3291

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.3238, 0.3287, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2237, 0.3597, 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, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 197)  
}
```

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, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 197) }
```

Border

The CSS property to change the border of an element to Yxy 65.2237, 0.3597, 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, 197, 197) }
```

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

```
.border{ border-color:rgb(255, 197, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2237, 0.3597, 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, 197, 197) }
```

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

```
.background{ background-color: rgb(255,  
197, 197) }
```

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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