

Converting Colors

$Yxy(63.6087, 0.3672, 0.3349)$

Have a look what the booklet for
Yxy(63.6087, 0.3672, 0.3349)
contains.

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Color

Yxy(63.5177, 0.3670, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2BD
RGB	255, 194, 189
RGB Percent	100%, 76%, 74%
CMY	0.0001, 0.2392, 0.2589
CMYK	0.00, 0.24, 0.26, 0.00
HSL	5°, 100%, 87%
HSV	5°, 26%, 100%
XYZ	69.7099, 63.5177, 56.7177
YIQ	211.6690, 37.9610, 11.3770

Conversions

Conversions Part 2

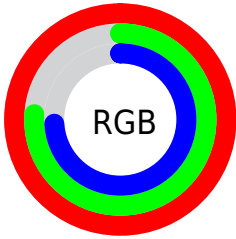
Format	Color
R _Y B	255, 194, 189
Decimal	16761533
CIE Lab	83.71, 21.11, 11.00
CIE LCh	84, 23.801, 27.523
Yxy	63.5177, 0.3670, 0.3344
Android (android.graphics.Color)	4294951613 (0xFFFFC2BD)
YUV	211.6690, -11.1758, 38.0013
Hunter-Lab	79.6980, 16.6582, 13.5944

Details

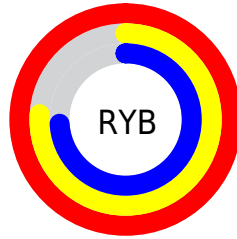
The Yxy color **63.5177, 0.3670, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3713, 0.2742, 0.3235**, and the grayscale version is **65.6642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8469, 0.3188, 0.3348**, and **32.4041, 0.3804, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **52.8420, 0.3972, 0.3366**, and if you desaturate by 10%, it is **76.0553, 0.3424, 0.3322**.

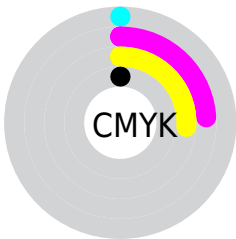
Distribution



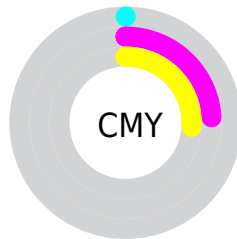
- Red (100%)
- Green (76%)
- Blue (74%)



- Red (100%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5177, 0.3670, 0.3344 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 63.5177, 0.3670, 0.3344 by changing the saturation by 10% instead.


 63.5177, 0.3670,
0.3344

 63.5177, 0.3670,
0.3344


437.4459, 0.3410,
0.3324

 46.2602, 0.3731,
0.3347


 109.9161, 0.3578,
0.3338

 32.4512, 0.3809,
0.3351


139.8256, 0.3543,
0.3335

 21.7063, 0.3908,
0.3354


174.7214, 0.3513,
0.3333

 13.6413, 0.4040,
0.3356

214.9876, 0.3487,
0.3331

 7.8716, 0.4226,
0.3354

261.0088, 0.3464,
0.3329

 4.0129, 0.4504,
0.3343

313.1693, 0.3444,

 1.6808, 0.4960,

0.3327

0.3302

371.8536, 0.3426,
0.3325

0.4112, 0.6882,
0.3118

0.0000, 0.0000,
0.0000

63.5177, 0.3670,
0.3344

63.5177, 0.3670,
0.3344

52.8420, 0.3972,
0.3366

76.0553, 0.3424,
0.3322

43.9311, 0.4335,
0.3386

90.5284, 0.3226,
0.3301

36.6926, 0.4758,
0.3402

99.9964, 0.3127,
0.3290

31.0219, 0.5218,
0.3409

■ 26.8029, 0.5672,
0.3402

■ 23.9030, 0.6052,
0.3379

■ 22.1656, 0.6297,
0.3344

■ 21.7379, 0.6359,
0.3333

Harmonies

Analogous

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



63.5177, 0.3463, 0.3100



63.5177, 0.3670, 0.3344



63.5177, 0.3722, 0.3587

Triad

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



63.5177, 0.3670, 0.3344



63.5177, 0.3064, 0.3722



63.5177, 0.2658, 0.2817

Complementary

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



63.5177, 0.3670, 0.3344



86.3713, 0.2742, 0.3235

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.



63.5177, 0.2565, 0.2954



63.5177, 0.3670, 0.3344



63.5177, 0.2791, 0.3483

Square

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



63.5177, 0.3670, 0.3344



63.5177, 0.3364, 0.3825



63.5177, 0.2612, 0.3196



63.5177, 0.2875, 0.2804

Rectangle

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



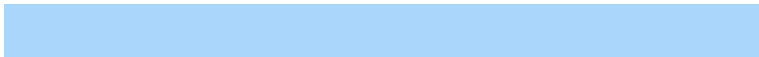
63.5177, 0.3670, 0.3344



63.5177, 0.3663, 0.3718



63.5177, 0.2612, 0.3196



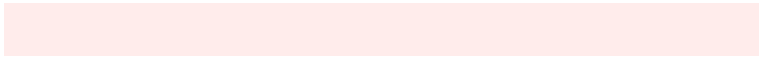
63.5177, 0.2612, 0.2849

Sweetspot

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



63.5207, 0.3670, 0.3344



87.3164, 0.3264, 0.3306



64.5814, 0.3190, 0.2683



18.2096, 0.3293, 0.3309



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.



63.5207, 0.3670, 0.3344



57.8416, 0.3817, 0.3355



79.5295, 0.3587, 0.3671



18.2096, 0.3293, 0.3309



11.4392, 0.6346, 0.3343



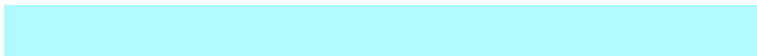
1.1872, 0.6227, 0.3437

Inverse Universe

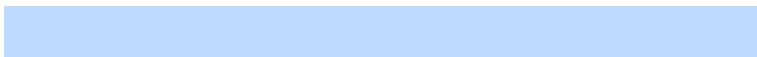
The Inverse Universe completely reimagines the original color for something new.



86.3713, 0.2742, 0.3235



84.1752, 0.2673, 0.3223



67.9603, 0.2708, 0.2876



20.2301, 0.2980, 0.3271



35.0803, 0.2180, 0.3049



3.4834, 0.2189, 0.3079

Previews

White Background



This preview shows how the Yxy color 63.5177, 0.3670, 0.3344 looks on a white background.

Color Contrast Check

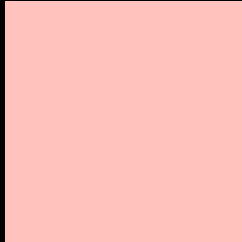
Large Text (above 18pt) WCAG AA × Fail

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 63.5177, 0.3670, 0.3344 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 63.5177, 0.3670, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 63.5177, 0.3670, 0.3344.



This preview shows how white text looks on a background with the Yxy color 63.5177, 0.3670, 0.3344.

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

63.5177, 0.3670, 0.3344

Protanopia

63.7419, 0.3266, 0.3416

Deuteranopia

63.4087, 0.3513, 0.3433



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.5177, 0.3670, 0.3344

Protanomaly

63.4299, 0.3406, 0.3391

Deuteranomaly

63.2521, 0.3577, 0.3399

Tritanomaly

63.5701, 0.3582, 0.3219

Monochromacy



Original Color

63.5177, 0.3670, 0.3344

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.5163, 0.3312, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5177, 0.3670, 0.3344 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, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 189)  
}
```

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, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 189) }
```

Border

The CSS property to change the border of an element to Yxy 63.5177, 0.3670, 0.3344 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, 194, 189) }
```

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

```
.border{ border-color:rgb(255, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5177, 0.3670, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 189) }
```

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

```
.background{ background-color: rgb(255,  
194, 189) }
```

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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