

Converting Colors

Yxy(67.0639, 0.3719, 0.3346)

Have a look what the booklet for
Yxy(67.0639, 0.3719, 0.3346)
contains.

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Color

Yxy(64.9983, 0.3638, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C0
RGB	255, 197, 192
RGB Percent	100%, 77%, 75%
CMY	0.0000, 0.2275, 0.2470
CMYK	0.00, 0.23, 0.25, 0.00
HSL	5°, 100%, 88%
HSV	5°, 25%, 100%
XYZ	70.7340, 64.9983, 58.6987
YIQ	213.7720, 36.1730, 10.7410

Conversions

Conversions Part 2

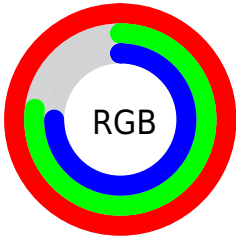
Format	Color
R _Y B	255, 197, 192
Decimal	16762304
CIE Lab	84.48, 19.99, 10.47
CIE LCh	84, 22.567, 27.648
Yxy	64.9983, 0.3638, 0.3343
Android (android.graphics.Color)	4294952384 (0xFFFFC5C0)
YUV	213.7720, -10.7336, 36.1570
Hunter-Lab	80.6215, 15.5209, 13.2673

Details

The Yxy color **64.9983, 0.3638, 0.3343** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8222, 0.2758, 0.3236**, and the grayscale version is **67.1344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9209, 0.3168, 0.3347**, and **33.3793, 0.3759, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **54.1105, 0.3932, 0.3366**, and if you desaturate by 10%, it is **77.7338, 0.3398, 0.3321**.

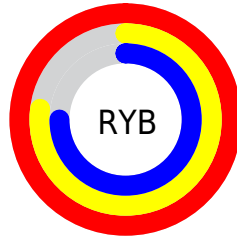
Distribution



Red (100%)

Green (77%)

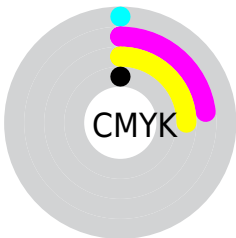
Blue (75%)



Red (100%)

Yellow (77%)

Blue (75%)

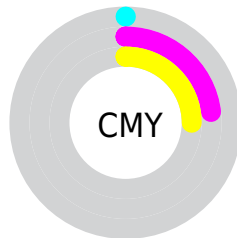


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9983, 0.3638, 0.3343 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 64.9983, 0.3638, 0.3343 by changing the saturation by 10% instead.


 64.9983, 0.3638,
0.3343

 64.9983, 0.3638,
0.3343

442.7859, 0.3395,
0.3323

 47.4597, 0.3695,
0.3347


 112.0474, 0.3552,
0.3337

 33.3992, 0.3767,
0.3350


142.3267, 0.3519,
0.3334

 22.4324, 0.3859,
0.3354


177.6217, 0.3491,
0.3332

 14.1750, 0.3982,
0.3357

218.3168, 0.3466,
0.3330

 8.2425, 0.4154,
0.3357

264.7964, 0.3445,
0.3328

 4.2505, 0.4409,
0.3351

317.4448, 0.3426,

 1.8147, 0.4825,

0.3326

0.3319

376.6465, 0.3409,
0.3324

0.4963, 0.6604,
0.3396

0.0000, 0.0000,
0.0000

64.9983, 0.3638,
0.3343

64.9983, 0.3638,
0.3343

54.1105, 0.3932,
0.3366

77.7338, 0.3398,
0.3321

44.9988, 0.4287,
0.3387

92.4133, 0.3205,
0.3299

37.5644, 0.4703,
0.3404

100.0000, 0.3127,
0.3290

31.7047, 0.5160,
0.3412

■ 27.3061, 0.5617,
0.3407

■ 24.2397, 0.6009,
0.3386

■ 22.3538, 0.6273,
0.3351

■ 21.7640, 0.6357,
0.3334

Harmonies

Analogous

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



64.9983, 0.3445, 0.3112



64.9983, 0.3638, 0.3343



64.9983, 0.3687, 0.3572

Triad

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



64.9983, 0.3638, 0.3343



64.9983, 0.3068, 0.3694



64.9983, 0.2686, 0.2844

Complementary

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



64.9983, 0.3638, 0.3343



86.8222, 0.2758, 0.3236

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.



64.9983, 0.2597, 0.2974



64.9983, 0.3638, 0.3343



64.9983, 0.2810, 0.3471

Square

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



64.9983, 0.3638, 0.3343



64.9983, 0.3349, 0.3792



64.9983, 0.2641, 0.3202



64.9983, 0.2891, 0.2831

Rectangle

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



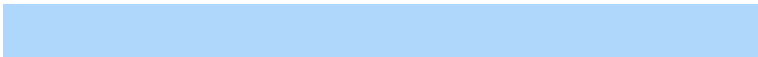
64.9983, 0.3638, 0.3343



64.9983, 0.3631, 0.3695



64.9983, 0.2641, 0.3202



64.9983, 0.2642, 0.2875

Sweetspot

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



64.9932, 0.3638, 0.3343



88.8573, 0.3246, 0.3304



65.9213, 0.3186, 0.2711



18.8233, 0.3257, 0.3305



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.



64.9932, 0.3638, 0.3343



58.9965, 0.3786, 0.3355



80.3938, 0.3563, 0.3653



18.2170, 0.3293, 0.3309



11.4527, 0.6344, 0.3345



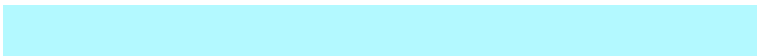
1.1907, 0.6222, 0.3442

Inverse Universe

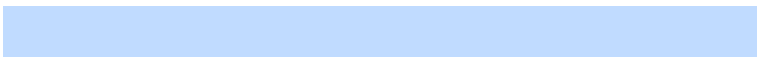
The Inverse Universe completely reimagines the original color for something new.



86.8222, 0.2758, 0.3236



84.4763, 0.2686, 0.3223



69.2554, 0.2728, 0.2898



20.2219, 0.2980, 0.3271



34.8908, 0.2178, 0.3041



3.4670, 0.2187, 0.3072

Previews

White Background



This preview shows how the Yxy color 64.9983, 0.3638, 0.3343 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 64.9983, 0.3638, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

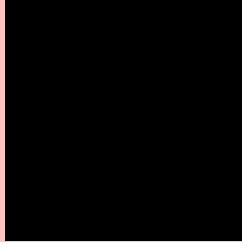
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9983, 0.3638, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 64.9983, 0.3638, 0.3343.

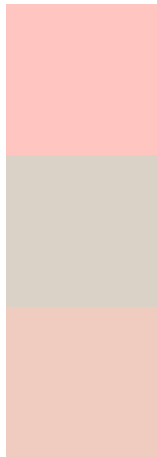


This preview shows how white text looks on a background with the Yxy color 64.9983, 0.3638, 0.3343.

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

64.9983, 0.3638, 0.3343

Protanopia

65.1221, 0.3265, 0.3415

Deuteranopia

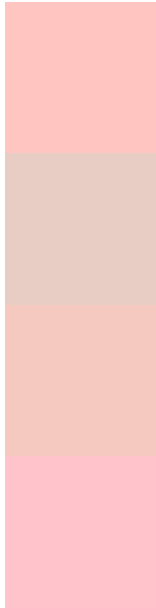
65.2980, 0.3500, 0.3432



Tritanopia

64.8937, 0.3505, 0.3147

Trichromacy



Original Color

64.9983, 0.3638, 0.3343

Protanomaly

64.6371, 0.3396, 0.3390

Deuteranomaly

64.9474, 0.3555, 0.3398

Tritanomaly

65.0517, 0.3551, 0.3219

Monochromacy



Original Color

64.9983, 0.3638, 0.3343

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.2260, 0.3302, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9983, 0.3638, 0.3343 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 64.9983, 0.3638, 0.3343 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, 192) }
```

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

```
.border{ border-color:rgb(255, 197, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9983, 0.3638, 0.3343 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
197, 192) }
```

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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