

Converting Colors

$Yxy(66.6551, 0.3754, 0.3367)$

Have a look what the booklet for
Yxy(66.6551, 0.3754, 0.3367)
contains.

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Color

Yxy(64.4140, 0.3665, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4BD
RGB	255, 196, 189
RGB Percent	100%, 77%, 74%
CMY	0.0000, 0.2314, 0.2587
CMYK	0.00, 0.23, 0.26, 0.00
HSL	6°, 100%, 87%
HSV	6°, 26%, 100%
XYZ	70.1776, 64.4140, 56.8888
YIQ	212.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

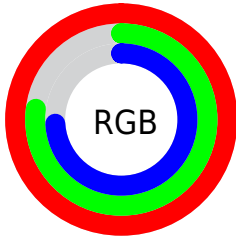
Format	Color
R _Y B	255, 197, 189
Decimal	16762045
CIE Lab	84.18, 20.10, 11.64
CIE LCh	84, 23.229, 30.078
Yxy	64.4140, 0.3665, 0.3364
Android (android.graphics.Color)	4294952125 (0xFFFFC4BD)
YUV	212.8430, -11.7546, 36.9717
Hunter-Lab	80.2583, 15.6276, 14.1548

Details

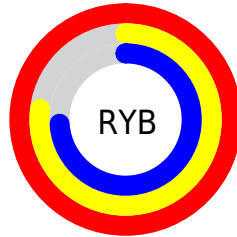
The Yxy color **64.4140, 0.3665, 0.3364** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1955, 0.2740, 0.3214**, and the grayscale version is **66.4861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1031, 0.3186, 0.3367**, and **32.9939, 0.3796, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **53.8797, 0.3961, 0.3394**, and if you desaturate by 10%, it is **76.6977, 0.3422, 0.3334**.

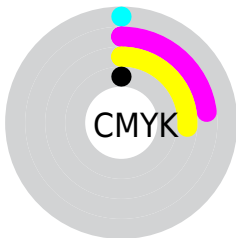
Distribution



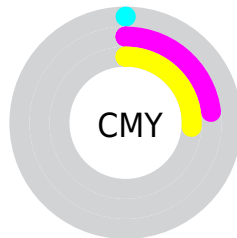
- Red (100%)
- Green (77%)
- Blue (74%)



- Red (100%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4140, 0.3665, 0.3364 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 64.4140, 0.3665, 0.3364 by changing the saturation by 10% instead.


 64.4140, 0.3665,
0.3364

 64.4140, 0.3665,
0.3364


440.6831, 0.3408,
0.3334

 46.9861, 0.3726,
0.3370


 111.2069, 0.3574,
0.3355

 33.0246, 0.3801,
0.3376


141.3408, 0.3540,
0.3351

 22.1453, 0.3899,
0.3382


176.4786, 0.3510,
0.3347

 13.9637, 0.4029,
0.3389

217.0050, 0.3484,
0.3344

 8.0954, 0.4211,
0.3394

263.3043, 0.3461,
0.3341

 4.1561, 0.4482,
0.3392

315.7608, 0.3442,

 1.7612, 0.4923,

0.3339

374.7589, 0.3424,
0.3337

0.3366

0.4628, 0.6686,
0.3314

0.0000, 0.0000,
0.0000

64.4140, 0.3665,
0.3364

64.4140, 0.3665,
0.3364

53.8797, 0.3961,
0.3394

76.6977, 0.3422,
0.3334

45.0279, 0.4317,
0.3422

90.8199, 0.3225,
0.3306

37.7672, 0.4729,
0.3444

100.0000, 0.3127,
0.3290

32.0029, 0.5179,
0.3454

■ 27.6302, 0.5626,
0.3446

■ 24.5306, 0.6008,
0.3417

■ 22.5655, 0.6264,
0.3370

■ 22.0407, 0.6333,
0.3353

Harmonies

Analogous

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



64.4140, 0.3475, 0.3125



64.4140, 0.3665, 0.3364



64.4140, 0.3702, 0.3597

Triad

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



64.4140, 0.3665, 0.3364



64.4140, 0.3042, 0.3693



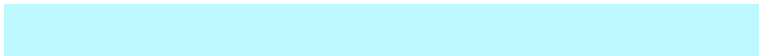
64.4140, 0.2685, 0.2824

Complementary

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



64.4140, 0.3665, 0.3364



85.1955, 0.2740, 0.3214

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.



64.4140, 0.2583, 0.2948



64.4140, 0.3665, 0.3364



64.4140, 0.2782, 0.3455

Square

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



64.4140, 0.3665, 0.3364



64.4140, 0.3333, 0.3807



64.4140, 0.2617, 0.3177



64.4140, 0.2904, 0.2821

Rectangle

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



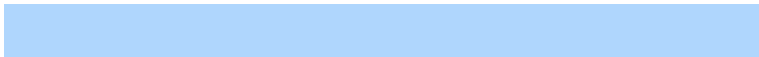
64.4140, 0.3665, 0.3364



64.4140, 0.3635, 0.3720



64.4140, 0.2617, 0.3177



64.4140, 0.2637, 0.2853

Sweetspot

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



64.4095, 0.3665, 0.3364



87.6614, 0.3264, 0.3312



64.4659, 0.3206, 0.2703



18.2956, 0.3292, 0.3316



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.



64.4095, 0.3665, 0.3364



58.7979, 0.3809, 0.3380



80.7568, 0.3582, 0.3692



18.2956, 0.3292, 0.3316



11.6162, 0.6317, 0.3366



1.2278, 0.6166, 0.3486

Inverse Universe

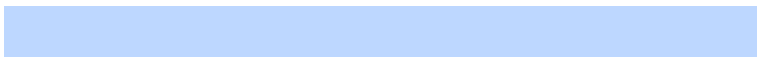
The Inverse Universe completely reimagines the original color for something new.



85.1955, 0.2740, 0.3214



82.7526, 0.2670, 0.3198



66.8522, 0.2706, 0.2851



20.1343, 0.2980, 0.3264



32.9178, 0.2154, 0.2954



3.2953, 0.2165, 0.2995

Previews

White Background



This preview shows how the Yxy color 64.4140, 0.3665, 0.3364 looks on a white background.

Color Contrast Check

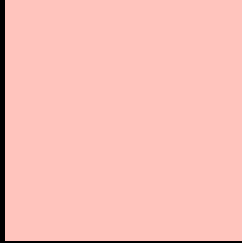
Large Text (above 18pt) WCAG AA × Fail

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 64.4140, 0.3665, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

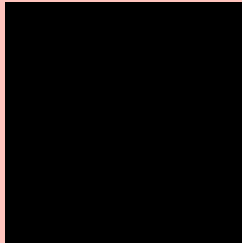
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.4140, 0.3665, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 64.4140, 0.3665, 0.3364.



This preview shows how white text looks on a background with the Yxy color 64.4140, 0.3665, 0.3364.

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

64.4140, 0.3665, 0.3364

Protanopia

64.8304, 0.3279, 0.3449

Deuteranopia

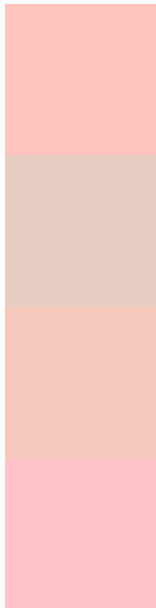
64.6934, 0.3525, 0.3454



Tritanopia

64.3976, 0.3515, 0.3147

Trichromacy



Original Color

64.4140, 0.3665, 0.3364

Protanomaly

64.5018, 0.3419, 0.3423

Deuteranomaly

64.3519, 0.3581, 0.3420

Tritanomaly

64.5073, 0.3569, 0.3229

Monochromacy



Original Color

64.4140, 0.3665, 0.3364

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.4793, 0.3310, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4140, 0.3665, 0.3364 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, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 64.4140, 0.3665, 0.3364 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, 196, 189) }
```

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

```
.border{ border-color:rgb(255, 196, 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, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4140, 0.3665, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 189) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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