

Converting Colors

Yxy(67.2798, 0.3462, 0.3153)

Have a look what the booklet for
Yxy(67.2798, 0.3462, 0.3153)
contains.

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Color

Yxy(67.3726, 0.3464, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8D5
RGB	255, 200, 213
RGB Percent	100%, 78%, 84%
CMY	0.0001, 0.2156, 0.1647
CMYK	0.00, 0.22, 0.16, 0.00
HSL	346°, 100%, 89%
HSV	346°, 22%, 100%
XYZ	73.9008, 67.3726, 72.0661
YIQ	217.9270, 28.6070, 15.7030

Conversions

Conversions Part 2

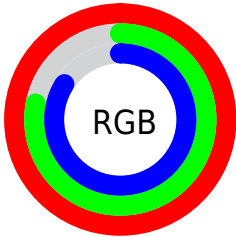
Format	Color
R_{YB}	255, 200, 213
Decimal	16763093
CIE _{Lab}	85.69, 21.44, 1.03
CIE _{LCh}	86, 21.468, 2.763
Yxy	67.3726, 0.3464, 0.3158
Android (android.graphics.Color)	4294953173 (0xFFFFC8D5)
YUV	217.9270, -2.4290, 32.5130
Hunter-Lab	82.0808, 17.0696, 5.4006

Details

The Yxy color **67.3726, 0.3464, 0.3158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.2006, 0.2872, 0.3427**, and the grayscale version is **70.0619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0322, 0.3555, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **55.6023, 0.3680, 0.3093**, and if you desaturate by 10%, it is **81.2372, 0.3289, 0.3221**.

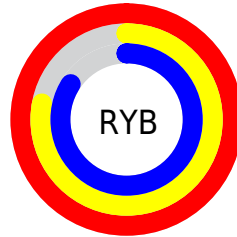
Distribution



Red (100%)

Green (78%)

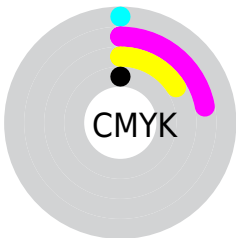
Blue (84%)



Red (100%)

Yellow (78%)

Blue (84%)

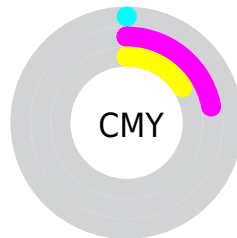


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3726, 0.3464, 0.3158 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 67.3726, 0.3464, 0.3158 by changing the saturation by 10% instead.


 67.3726, 0.3464,
0.3158

 67.3726, 0.3464,
0.3158

451.2699, 0.3306,
0.3221

 49.3875, 0.3501,
0.3143


115.4541, 0.3409,
0.3180

 34.9270, 0.3547,
0.3125


146.3194, 0.3387,
0.3188

 23.6066, 0.3605,
0.3102


182.2468, 0.3369,
0.3196

 15.0421, 0.3683,
0.3070

223.6207, 0.3353,
0.3202

 8.8489, 0.3790,
0.3027

270.8256, 0.3339,
0.3208

 4.6428, 0.3949,
0.2963

324.2458, 0.3326,

 2.0392, 0.4206,

0.3212

0.2857

384.2658, 0.3315,
0.3217

0.6301, 0.4814,
0.2627

0.0000, 1.0000,
0.0000

67.3726, 0.3464,
0.3158

67.3726, 0.3464,
0.3158

55.6023, 0.3680,
0.3093

81.2372, 0.3289,
0.3221

45.8154, 0.3943,
0.3030

97.2818, 0.3147,
0.3281

37.9047, 0.4257,
0.2974

99.9969, 0.3127,
0.3290

31.7488, 0.4620,
0.2934

■ 27.2124, 0.5016,
0.2922

■ 24.1398, 0.5415,
0.2946

■ 22.3447, 0.5773,
0.3011

■ 21.5863, 0.6016,
0.3088

Harmonies

Analogous

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



67.3726, 0.3212, 0.2974



67.3726, 0.3464, 0.3158



67.3726, 0.3625, 0.3379

Triad

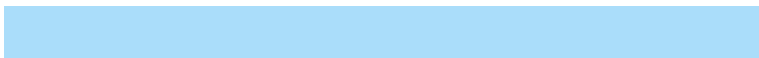
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3726, 0.3464, 0.3158



67.3726, 0.3293, 0.3755



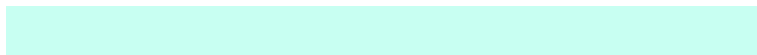
67.3726, 0.2633, 0.2965

Complementary

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



67.3726, 0.3464, 0.3158



90.2006, 0.2872, 0.3427

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.



67.3726, 0.2653, 0.3167



67.3726, 0.3464, 0.3158



67.3726, 0.3027, 0.3640

Square

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



67.3726, 0.3464, 0.3158



67.3726, 0.3522, 0.3731



67.3726, 0.2795, 0.3418



67.3726, 0.2738, 0.2860

Rectangle

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



67.3726, 0.3464, 0.3158



67.3726, 0.3656, 0.3524



67.3726, 0.2795, 0.3418



67.3726, 0.2625, 0.3023

Sweetspot

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



67.3757, 0.3464, 0.3158



89.8940, 0.3206, 0.3255



67.2762, 0.3052, 0.2735



19.0160, 0.3215, 0.3251



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.



67.3757, 0.3464, 0.3158



61.9040, 0.3554, 0.3129



73.3968, 0.3537, 0.3432



18.0575, 0.3257, 0.3234



11.3000, 0.5977, 0.3066



1.1163, 0.5666, 0.2895

Inverse Universe

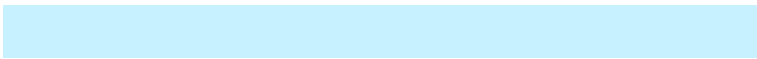
The Inverse Universe completely reimagines the original color for something new.



67.3757, 0.3464, 0.3158



61.9040, 0.3554, 0.3129



82.5533, 0.2795, 0.3144



18.0575, 0.3257, 0.3234



11.3000, 0.5977, 0.3066



1.1163, 0.5666, 0.2895

Previews

White Background



This preview shows how the Yxy color 67.3726, 0.3464, 0.3158 looks on a white background.

Color Contrast Check

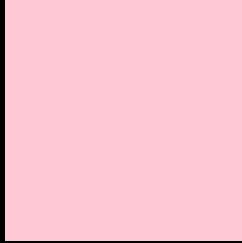
Large Text (above 18pt) WCAG AA × Fail

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 67.3726, 0.3464, 0.3158 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 67.3726, 0.3464, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 67.3726, 0.3464, 0.3158.



This preview shows how white text looks on a background with the Yxy color 67.3726, 0.3464, 0.3158.

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

67.3726, 0.3464, 0.3158

Protanopia

67.4079, 0.3095, 0.3201

Deuteranopia

67.6981, 0.3312, 0.3248



Tritanopia

67.4748, 0.3449, 0.3138

Trichromacy



Original Color

67.3726, 0.3464, 0.3158

Protanomaly

66.9967, 0.3223, 0.3182

Deuteranomaly

67.4708, 0.3370, 0.3217

Tritanomaly

67.4236, 0.3456, 0.3148

Monochromacy



Original Color

67.3726, 0.3464, 0.3158

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.5353, 0.3242, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3726, 0.3464, 0.3158 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, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 213)  
}
```

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, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 213) }
```

Border

The CSS property to change the border of an element to Yxy 67.3726, 0.3464, 0.3158 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, 200, 213) }
```

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

```
.border{ border-color:rgb(255, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 213); box-shadow:4px 4px 4px 4px rgb(255, 200, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3726, 0.3464, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 213) }
```

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

```
.background{ background-color: rgb(255,  
200, 213) }
```

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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