

Converting Colors

Yxy(67.8064, 0.3717, 0.3359)

Have a look what the booklet for
Yxy(67.8064, 0.3717, 0.3359)
contains.

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Color

Yxy(65.9126, 0.3633, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C0
RGB	255, 199, 192
RGB Percent	100%, 78%, 75%
CMY	0.0000, 0.2196, 0.2471
CMYK	0.00, 0.22, 0.25, 0.00
HSL	7°, 100%, 88%
HSV	7°, 25%, 100%
XYZ	71.1833, 65.9126, 58.8393
YIQ	214.9460, 35.6230, 9.6950

Conversions

Conversions Part 2

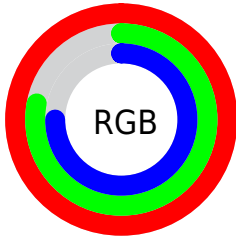
Format	Color
R _Y B	255, 200, 192
Decimal	16762816
CIE Lab	84.95, 18.93, 11.15
CIE LCh	85, 21.967, 30.505
Yxy	65.9126, 0.3633, 0.3364
Android (android.graphics.Color)	4294952896 (0xFFFFC7C0)
YUV	214.9460, -11.3124, 35.1274
Hunter-Lab	81.1866, 14.4298, 13.8606

Details

The Yxy color **65.9126, 0.3633, 0.3364** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5630, 0.2756, 0.3215**, and the grayscale version is **67.9748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **33.9852, 0.3752, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **55.2120, 0.3922, 0.3396**, and if you desaturate by 10%, it is **78.3610, 0.3397, 0.3333**.

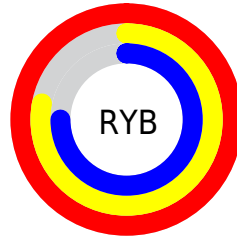
Distribution



Red (100%)

Green (78%)

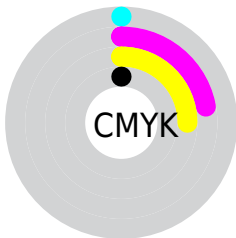
Blue (75%)



Red (100%)

Yellow (78%)

Blue (75%)

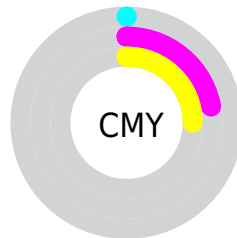


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9126, 0.3633, 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 65.9126, 0.3633, 0.3364 by changing the saturation by 10% instead.

 65.9126, 0.3633,
0.3364

 65.9126, 0.3633,
0.3364


446.0642, 0.3392,
0.3334

 48.2015, 0.3689,
0.3370


 113.3609, 0.3548,
0.3354

 33.9865, 0.3760,
0.3376

143.8668, 0.3516,
0.3350

 22.8832, 0.3851,
0.3384


179.4065, 0.3488,
0.3347

 14.5073, 0.3971,
0.3391

220.3642, 0.3464,
0.3344

 8.4743, 0.4139,
0.3398

267.1245, 0.3442,
0.3341

 4.3999, 0.4388,
0.3401

320.0716, 0.3424,

 1.8997, 0.4790,

0.3338

0.3385

379.5901, 0.3407,
0.3336

0.5482, 0.6439,
0.3561

0.0000, 0.0000,
0.0000

65.9126, 0.3633,
0.3364

65.9126, 0.3633,
0.3364

55.2120, 0.3922,
0.3396

78.3610, 0.3397,
0.3333

46.1831, 0.4269,
0.3426

92.6333, 0.3205,
0.3303

38.7406, 0.4673,
0.3450

100.0000, 0.3127,
0.3290

32.7925, 0.5118,
0.3462

■ 28.2372, 0.5567,
0.3456

■ 24.9606, 0.5960,
0.3429

■ 22.8299, 0.6235,
0.3382

■ 22.1059, 0.6328,
0.3358

Harmonies

Analogous

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



65.9126, 0.3457, 0.3138



65.9126, 0.3633, 0.3364



65.9126, 0.3666, 0.3583

Triad

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



65.9126, 0.3633, 0.3364



65.9126, 0.3044, 0.3665



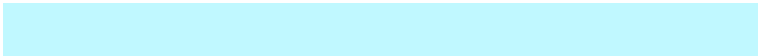
65.9126, 0.2714, 0.2851

Complementary

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



65.9126, 0.3633, 0.3364



85.5630, 0.2756, 0.3215

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.



65.9126, 0.2615, 0.2967



65.9126, 0.3633, 0.3364



65.9126, 0.2800, 0.3441

Square

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



65.9126, 0.3633, 0.3364



65.9126, 0.3318, 0.3773



65.9126, 0.2646, 0.3181



65.9126, 0.2922, 0.2849

Rectangle

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



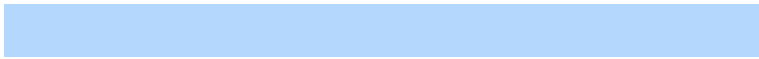
65.9126, 0.3633, 0.3364



65.9126, 0.3602, 0.3697



65.9126, 0.2646, 0.3181



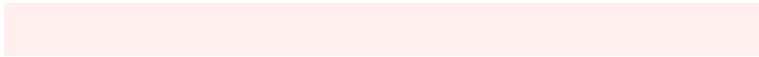
65.9126, 0.2667, 0.2878

Sweetspot

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



65.9118, 0.3633, 0.3364



89.1939, 0.3245, 0.3310



65.7804, 0.3202, 0.2730



18.9010, 0.3256, 0.3311



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.



65.9118, 0.3633, 0.3364



60.0338, 0.3779, 0.3381



81.5483, 0.3559, 0.3674



18.3117, 0.3292, 0.3317



11.6541, 0.6311, 0.3371



1.2353, 0.6154, 0.3495

Inverse Universe

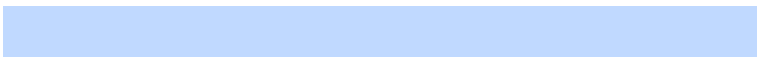
The Inverse Universe completely reimagines the original color for something new.



85.5630, 0.2756, 0.3215



82.9622, 0.2683, 0.3196



68.1556, 0.2726, 0.2874



20.1165, 0.2980, 0.3263



32.5249, 0.2149, 0.2936



3.2610, 0.2161, 0.2980

Previews

White Background



This preview shows how the Yxy color 65.9126, 0.3633, 0.3364 looks on a white background.

Color Contrast Check

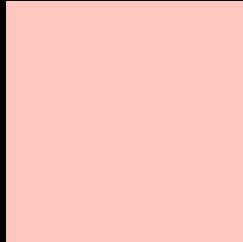
Large Text (above 18pt) WCAG AA × Fail

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 65.9126, 0.3633, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

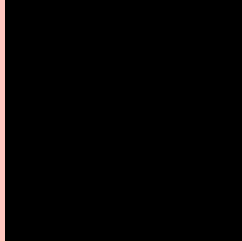
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9126, 0.3633, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 65.9126, 0.3633, 0.3364.

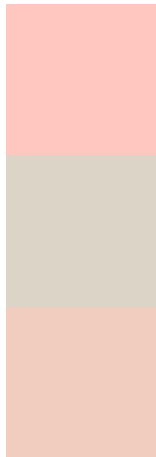


This preview shows how white text looks on a background with the Yxy color 65.9126, 0.3633, 0.3364.

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

65.9126, 0.3633, 0.3364

Protanopia

66.2706, 0.3270, 0.3437

Deuteranopia

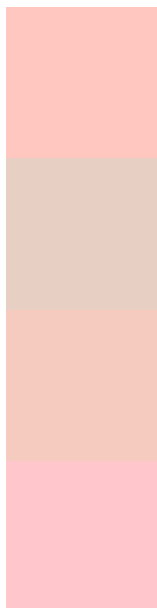
66.1250, 0.3514, 0.3442



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.9126, 0.3633, 0.3364

Protanomaly

65.7670, 0.3400, 0.3411

Deuteranomaly

66.0663, 0.3558, 0.3419

Tritanomaly

66.0078, 0.3539, 0.3229

Monochromacy



Original Color

65.9126, 0.3633, 0.3364

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.9289, 0.3301, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9126, 0.3633, 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, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 192) }
```

Border

The CSS property to change the border of an element to Yxy 65.9126, 0.3633, 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, 199, 192) }
```

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

```
.border{ border-color:rgb(255, 199, 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, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9126, 0.3633, 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, 199, 192) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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