

Converting Colors

$Yxy(85.4013, 0.3714, 0.3251)$

Have a look what the booklet for
Yxy(85.4013, 0.3714, 0.3251)
contains.

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Color

Yxy(75.5922, 0.3380, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8DD
RGB	255, 216, 221
RGB Percent	100%, 85%, 87%
CMY	0.0000, 0.1530, 0.1332
CMYK	0.00, 0.15, 0.13, 0.00
HSL	352°, 100%, 92%
HSV	352°, 15%, 100%
XYZ	78.8585, 75.5922, 78.8585
YIQ	228.2310, 21.6390, 9.8230

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 216, 221
Decimal	16767197
CIE Lab	89.67, 14.36, 2.58
CIE LCh	90, 14.587, 10.191
Yxy	75.5922, 0.3380, 0.3240
Android (android.graphics.Color)	4294957277 (0xFFFFD8DD)
YUV	228.2310, -3.5649, 23.4764
Hunter-Lab	86.9438, 9.7490, 7.0843

Details

The Yxy color **75.5922, 0.3380, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.0176, 0.2921, 0.3341**, and the grayscale version is **77.7731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2487, 0.3440, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **62.4153, 0.3597, 0.3205**, and if you desaturate by 10%, it is **90.9473, 0.3205, 0.3273**.

Distribution



Red (100%)

Green (85%)

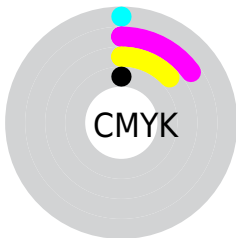
Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)



Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5922, 0.3380, 0.3240 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 75.5922, 0.3380, 0.3240 by changing the saturation by 10% instead.


 75.5922, 0.3380,
0.3240

 75.5922, 0.3380,
0.3240

479.9506, 0.3263,
0.3264

 56.0982, 0.3407,
0.3234

127.1503, 0.3340,
0.3248

 40.2816, 0.3439,
0.3227


159.9832, 0.3324,
0.3252

 27.7582, 0.3481,
0.3218


198.0311, 0.3310,
0.3254

 18.1435, 0.3535,
0.3207

241.6785, 0.3298,
0.3257

 11.0530, 0.3609,
0.3190

291.3097, 0.3288,
0.3259

 6.1025, 0.3716,
0.3165

347.3092, 0.3279,

 2.9075, 0.3883,

0.3261

0.3125

410.0614, 0.3271,
0.3262

■ 1.0836, 0.4179,
0.3049

■ 0.0000, 1.0000,
0.0000

■ 75.5922, 0.3380,
0.3240

■ 75.5922, 0.3380,
0.3240

■ 62.4153, 0.3597,
0.3205

■ 90.9473, 0.3205,
0.3273

■ 51.3260, 0.3866,
0.3170

100.0000, 0.3127,
0.3290

■ 42.2144, 0.4193,
0.3138

■ 34.9639, 0.4579,
0.3112

■ 29.4458, 0.5011,
0.3101

■ 25.5149, 0.5457,
0.3110

■ 23.0022, 0.5862,
0.3144

■ 21.6998, 0.6166,
0.3200

■ 21.3693, 0.6266,
0.3225

Harmonies

Analogous

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



75.5922, 0.3228, 0.3107



75.5922, 0.3380, 0.3240



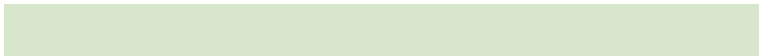
75.5922, 0.3464, 0.3389

Triad

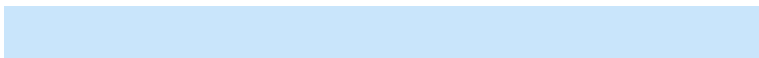
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5922, 0.3380, 0.3240



75.5922, 0.3195, 0.3579



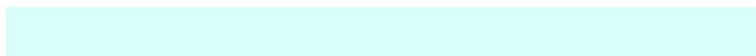
75.5922, 0.2810, 0.3055

Complementary

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



75.5922, 0.3380, 0.3240



93.0176, 0.2921, 0.3341

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.



75.5922, 0.2802, 0.3176



75.5922, 0.3380, 0.3240



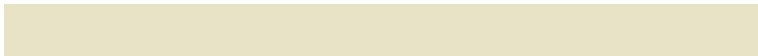
75.5922, 0.3022, 0.3485

Square

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



75.5922, 0.3380, 0.3240



75.5922, 0.3354, 0.3590



75.5922, 0.2879, 0.3334



75.5922, 0.2900, 0.3000

Rectangle

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



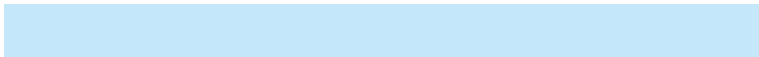
75.5922, 0.3380, 0.3240



75.5922, 0.3468, 0.3480



75.5922, 0.2879, 0.3334



75.5922, 0.2798, 0.3089

Sweetspot

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



75.5893, 0.3380, 0.3240



91.4385, 0.3201, 0.3274



76.6142, 0.3109, 0.2906



19.3239, 0.3212, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

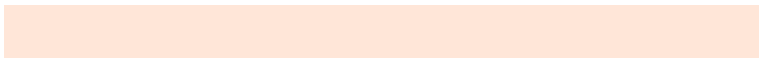
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5893, 0.3380, 0.3240



71.8176, 0.3434, 0.3231



82.9752, 0.3394, 0.3434



18.0252, 0.3274, 0.3260



11.1776, 0.6239, 0.3211



1.0997, 0.5989, 0.3073

Inverse Universe

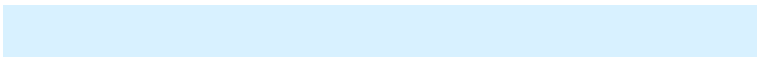
The Inverse Universe completely reimagines the original color for something new.



75.5893, 0.3380, 0.3240



71.8176, 0.3434, 0.3231



84.5489, 0.2888, 0.3142



18.0252, 0.3274, 0.3260



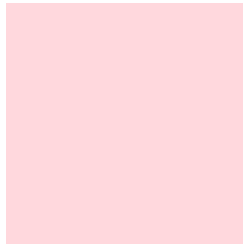
11.1776, 0.6239, 0.3211



1.0997, 0.5989, 0.3073

Previews

White Background



This preview shows how the Yxy color 75.5922, 0.3380, 0.3240 looks on a white background.

Color Contrast Check

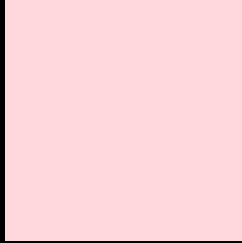
Large Text (above 18pt) WCAG AA × Fail

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 75.5922, 0.3380, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

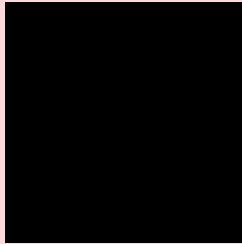
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5922, 0.3380, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 75.5922, 0.3380, 0.3240.

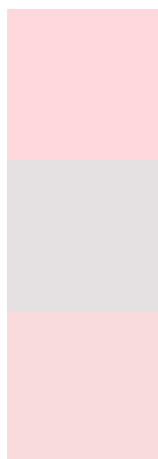


This preview shows how white text looks on a background with the Yxy color 75.5922, 0.3380, 0.3240.

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

75.5922, 0.3380, 0.3240

Protanopia

75.9994, 0.3149, 0.3280

Deuteranopia

75.5030, 0.3333, 0.3260



Tritanopia

75.6304, 0.3310, 0.3131

Trichromacy



Original Color

75.5922, 0.3380, 0.3240

Protanomaly

75.8015, 0.3228, 0.3269

Deuteranomaly

75.3554, 0.3349, 0.3250

Tritanomaly

75.4069, 0.3338, 0.3170

Monochromacy



Original Color

75.5922, 0.3380, 0.3240

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9247, 0.3219, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5922, 0.3380, 0.3240 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, 216, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 221)  
}
```

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, 216, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 221) }
```

Border

The CSS property to change the border of an element to Yxy 75.5922, 0.3380, 0.3240 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, 216, 221) }
```

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

```
.border{ border-color:rgb(255, 216, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5922, 0.3380, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 221) }
```

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

```
.background{ background-color: rgb(255,  
216, 221) }
```

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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