

Converting Colors

$Y_{xy}(71.6716, 0.3455, 0.3260)$

Have a look what the booklet for
Yxy(71.6716, 0.3455, 0.3260)
contains.

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Color

Yxy(71.6144, 0.3457, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D4
RGB	255, 209, 212
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1805, 0.1686
CMYK	0.00, 0.18, 0.17, 0.00
HSL	356°, 100%, 91%
HSV	356°, 18%, 100%
XYZ	75.9420, 71.6144, 72.1197
YIQ	223.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

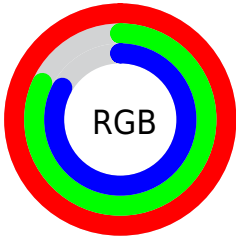
Format	Color
R _Y B	255, 209, 212
Decimal	16765396
CIE Lab	87.78, 16.63, 4.60
CIE LCh	88, 17.249, 15.455
Yxy	71.6144, 0.3457, 0.3260
Android (android.graphics.Color)	4294955476 (0xFFFFD1D4)
YUV	223.0960, -5.4703, 27.9798
Hunter-Lab	84.6253, 12.0901, 8.7094

Details

The Yxy color **71.6144, 0.3457, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.0985, 0.2870, 0.3321**, and the grayscale version is **73.8817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5513, 0.3545, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **58.9656, 0.3705, 0.3242**, and if you desaturate by 10%, it is **86.4268, 0.3258, 0.3277**.

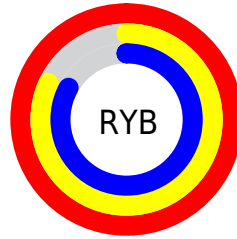
Distribution



Red (100%)

Green (82%)

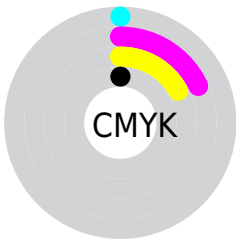
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

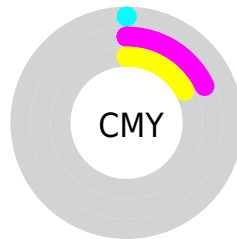


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6144, 0.3457, 0.3260 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 71.6144, 0.3457, 0.3260 by changing the saturation by 10% instead.


 71.6144, 0.3457,
0.3260

 71.6144, 0.3457,
0.3260

466.1984, 0.3303,
0.3276

 52.8437, 0.3493,
0.3256

121.5082, 0.3403,
0.3266

 37.6780, 0.3537,
0.3251


153.4000, 0.3382,
0.3268

 25.7329, 0.3593,
0.3244


190.4345, 0.3365,
0.3270

 16.6239, 0.3667,
0.3235

232.9958, 0.3349,
0.3271

 9.9667, 0.3768,
0.3221

281.4685, 0.3335,
0.3273

 5.3769, 0.3917,
0.3199

336.2369, 0.3323,

 2.4701, 0.4153,

0.3274

0.3159

397.6854, 0.3313,
0.3275

0.8616, 0.4652,
0.3117

0.0000, 1.0000,
0.0000

71.6144, 0.3457,
0.3260

71.6144, 0.3457,
0.3260

58.9656, 0.3705,
0.3242

86.4268, 0.3258,
0.3277

48.4017, 0.4011,
0.3225

100.0000, 0.3127,
0.3290

39.8037, 0.4382,
0.3210

33.0501, 0.4813,
0.3201

■ 28.0059, 0.5278,
0.3200

■ 24.5177, 0.5730,
0.3212

■ 22.4049, 0.6096,
0.3237

■ 21.4241, 0.6322,
0.3269

■ 21.3000, 0.6351,
0.3272

Harmonies

Analogous

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



71.6144, 0.3284, 0.3095



71.6144, 0.3457, 0.3260



71.6144, 0.3539, 0.3437

Triad

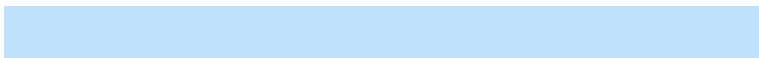
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6144, 0.3457, 0.3260



71.6144, 0.3171, 0.3627



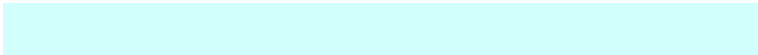
71.6144, 0.2759, 0.2989

Complementary

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



71.6144, 0.3457, 0.3260



92.0985, 0.2870, 0.3321

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.



71.6144, 0.2732, 0.3121



71.6144, 0.3457, 0.3260



71.6144, 0.2965, 0.3497

Square

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



71.6144, 0.3457, 0.3260



71.6144, 0.3370, 0.3657



71.6144, 0.2806, 0.3308



71.6144, 0.2881, 0.2940

Rectangle

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



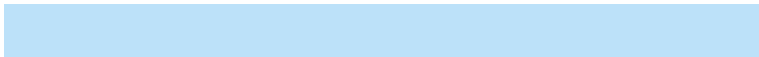
71.6144, 0.3457, 0.3260



71.6144, 0.3530, 0.3542



71.6144, 0.2806, 0.3308



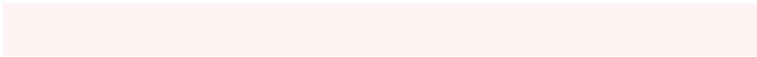
71.6144, 0.2739, 0.3024

Sweetspot

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



71.6063, 0.3457, 0.3260



91.3898, 0.3206, 0.3282



73.4947, 0.3126, 0.2838



19.3121, 0.3217, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

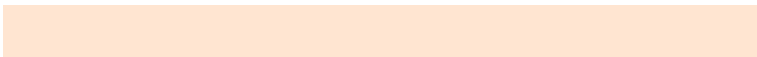
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6063, 0.3457, 0.3260



66.3538, 0.3548, 0.3253



81.8585, 0.3444, 0.3491



18.0065, 0.3284, 0.3275



11.1369, 0.6334, 0.3263



1.0908, 0.6181, 0.3179

Inverse Universe

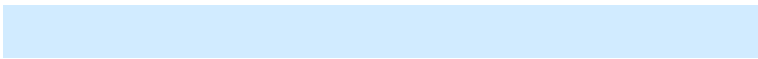
The Inverse Universe completely reimagines the original color for something new.



71.6063, 0.3457, 0.3260



66.3538, 0.3548, 0.3253



80.2229, 0.2843, 0.3080



18.0065, 0.3284, 0.3275



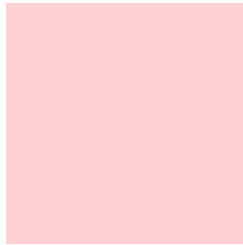
11.1369, 0.6334, 0.3263



1.0908, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 71.6144, 0.3457, 0.3260 looks on a white background.

Color Contrast Check

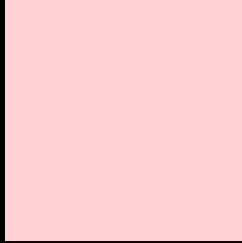
Large Text (above 18pt) WCAG AA × Fail

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 71.6144, 0.3457, 0.3260 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 71.6144, 0.3457, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 71.6144, 0.3457, 0.3260.

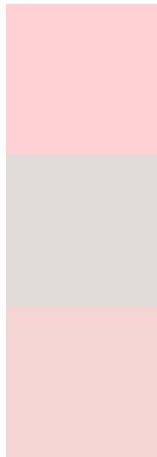


This preview shows how white text looks on a background with the Yxy color 71.6144, 0.3457, 0.3260.

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

71.6144, 0.3457, 0.3260

Protanopia

71.7325, 0.3177, 0.3301

Deuteranopia

71.7041, 0.3381, 0.3312



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.6144, 0.3457, 0.3260

Protanomaly

71.3916, 0.3275, 0.3280

Deuteranomaly

71.9299, 0.3413, 0.3301

Tritanomaly

71.4862, 0.3406, 0.3179

Monochromacy



Original Color

71.6144, 0.3457, 0.3260

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9194, 0.3244, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6144, 0.3457, 0.3260 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, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 212)  
}
```

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, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.6144, 0.3457, 0.3260 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, 209, 212) }
```

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

```
.border{ border-color:rgb(255, 209, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6144, 0.3457, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 212) }
```

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

```
.background{ background-color: rgb(255,  
209, 212) }
```

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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