

Converting Colors

$Y_{xy}(75.8074, 0.3371, 0.3231)$

Have a look what the booklet for
Yxy(75.8074, 0.3371, 0.3231)
contains.

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Color

Yxy(75.6457, 0.3373, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8DE
RGB	255, 216, 222
RGB Percent	100%, 85%, 87%
CMY	0.0000, 0.1530, 0.1293
CMYK	0.00, 0.15, 0.13, 0.00
HSL	351°, 100%, 92%
HSV	351°, 15%, 100%
XYZ	78.9947, 75.6457, 79.5568
YIQ	228.3450, 21.3180, 10.1340

Conversions

Conversions Part 2

Format	Color
RYB	255, 216, 222
Decimal	16767198
CIELab	89.69, 14.52, 2.10
CIElCh	90, 14.670, 8.211
Yxy	75.6457, 0.3373, 0.3230
Android (android.graphics.Color)	4294957278 (0xFFFFD8DE)
YUV	228.3450, -3.1281, 23.3764
Hunter-Lab	86.9745, 9.9174, 6.6488

Details

The Yxy color **75.6457, 0.3373, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.9547, 0.2926, 0.3351**, and the grayscale version is **77.8555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2855, 0.3431, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **62.4903, 0.3583, 0.3188**, and if you desaturate by 10%, it is **90.9658, 0.3203, 0.3270**.

Distribution



Red (100%)

Green (85%)

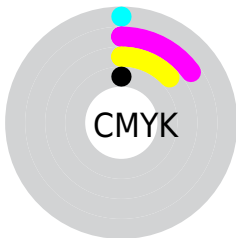
Blue (87%)



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 75.6457, 0.3373, 0.3230 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 75.6457, 0.3373, 0.3230 by changing the saturation by 10% instead.


 75.6457, 0.3373,
0.3230

 75.6457, 0.3373,
0.3230


480.1340, 0.3260,
0.3258

 56.1420, 0.3399,
0.3223


127.2260, 0.3334,
0.3240

 40.3168, 0.3431,
0.3215


160.0713, 0.3318,
0.3244

 27.7856, 0.3471,
0.3205


198.1327, 0.3305,
0.3247

 18.1641, 0.3524,
0.3191

241.7946, 0.3294,
0.3250

 11.0679, 0.3596,
0.3172

291.4412, 0.3284,
0.3252

 6.1125, 0.3699,
0.3144

347.4571, 0.3275,

 2.9136, 0.3860,

0.3255

0.3099

410.2265, 0.3267,
0.3257

1.0868, 0.4147,
0.3015

0.0000, 1.0000,
0.0000

75.6457, 0.3373,
0.3230

75.6457, 0.3373,
0.3230

62.4903, 0.3583,
0.3188

90.9658, 0.3203,
0.3270

51.4166, 0.3843,
0.3146

100.0000, 0.3127,
0.3290

42.3129, 0.4160,
0.3107

35.0634, 0.4534,
0.3076

■ 29.5399, 0.4954,
0.3060

■ 25.5981, 0.5391,
0.3068

■ 23.0701, 0.5796,
0.3105

■ 21.7491, 0.6110,
0.3169

■ 21.4093, 0.6219,
0.3199

Harmonies

Analogous

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



75.6457, 0.3217, 0.3098



75.6457, 0.3373, 0.3230



75.6457, 0.3463, 0.3380

Triad

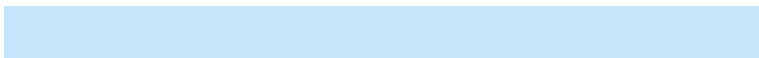
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6457, 0.3373, 0.3230



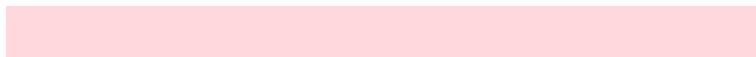
75.6457, 0.3207, 0.3584



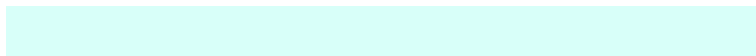
75.6457, 0.2805, 0.3060

Complementary

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



75.6457, 0.3373, 0.3230



92.9547, 0.2926, 0.3351

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.



75.6457, 0.2803, 0.3185



75.6457, 0.3373, 0.3230



75.6457, 0.3032, 0.3494

Square

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



75.6457, 0.3373, 0.3230



75.6457, 0.3365, 0.3589



75.6457, 0.2885, 0.3345



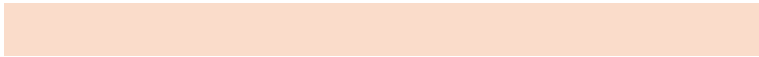
75.6457, 0.2890, 0.2999

Rectangle

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



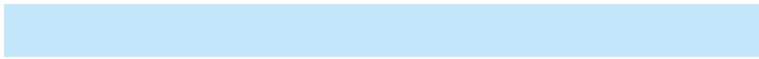
75.6457, 0.3373, 0.3230



75.6457, 0.3471, 0.3472



75.6457, 0.2885, 0.3345



75.6457, 0.2795, 0.3095

Sweetspot

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



75.6404, 0.3373, 0.3230



91.4583, 0.3199, 0.3271



76.3731, 0.3099, 0.2905



19.3287, 0.3209, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

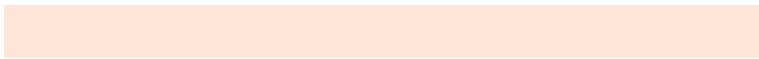
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6404, 0.3373, 0.3230



71.8780, 0.3425, 0.3219



82.2514, 0.3396, 0.3421



18.0328, 0.3270, 0.3254



11.2003, 0.6188, 0.3183



1.1032, 0.5916, 0.3033

Inverse Universe

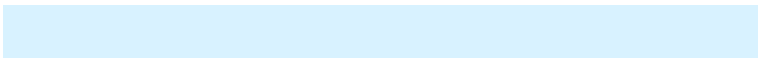
The Inverse Universe completely reimagines the original color for something new.



75.6404, 0.3373, 0.3230



71.8780, 0.3425, 0.3219



85.3189, 0.2889, 0.3155



18.0328, 0.3270, 0.3254



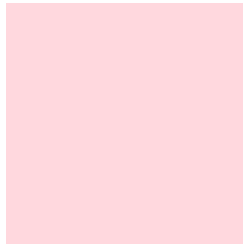
11.2003, 0.6188, 0.3183



1.1032, 0.5916, 0.3033

Previews

White Background



This preview shows how the Yxy color 75.6457, 0.3373, 0.3230 looks on a white background.

Color Contrast Check

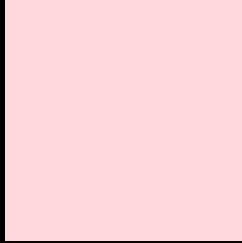
Large Text (above 18pt) WCAG AA × Fail

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 75.6457, 0.3373, 0.3230 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 75.6457, 0.3373, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 75.6457, 0.3373, 0.3230.

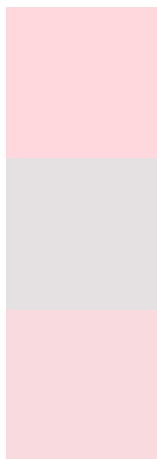


This preview shows how white text looks on a background with the Yxy color 75.6457, 0.3373, 0.3230.

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

75.6457, 0.3373, 0.3230

Protanopia

76.0545, 0.3142, 0.3269

Deuteranopia

75.5565, 0.3326, 0.3250



Tritanopia

75.6304, 0.3310, 0.3131

Trichromacy



Original Color

75.6457, 0.3373, 0.3230

Protanomaly

75.8559, 0.3221, 0.3259

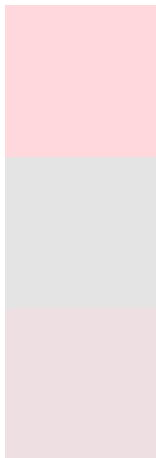
Deuteranomaly

75.4089, 0.3342, 0.3240

Tritanomaly

75.4623, 0.3331, 0.3160

Monochromacy



Original Color

75.6457, 0.3373, 0.3230

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9794, 0.3213, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6457, 0.3373, 0.3230 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 222) }
```

Border

The CSS property to change the border of an element to Yxy 75.6457, 0.3373, 0.3230 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, 222) }
```

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

```
.border{ border-color:rgb(255, 216, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.6457, 0.3373, 0.3230$ 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
216, 222) }
```

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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