

Converting Colors

$Y_{xy}(74.9778, 0.3342, 0.3167)$

Have a look what the booklet for
Yxy(74.9778, 0.3342, 0.3167)
contains.

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Color

Yxy(74.8992, 0.3340, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E3
RGB	255, 214, 227
RGB Percent	100%, 84%, 89%
CMY	0.0000, 0.1608, 0.1098
CMYK	0.00, 0.16, 0.11, 0.00
HSL	341°, 100%, 92%
HSV	341°, 16%, 100%
XYZ	79.1656, 74.8992, 82.9580
YIQ	227.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

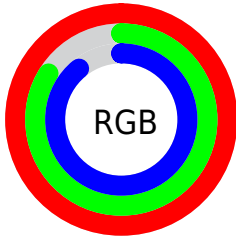
Format	Color
R _Y B	255, 214, 227
Decimal	16766691
CIE Lab	89.35, 16.36, -1.04
CIE LCh	89, 16.395, 356.372
Yxy	74.8992, 0.3340, 0.3160
Android (android.graphics.Color)	4294956771 (0xFFFFD6E3)
YUV	227.7410, -0.3653, 23.9061
Hunter-Lab	86.5443, 11.8286, 3.7480

Details

The Yxy color **74.8992, 0.3340, 0.3160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.2241, 0.2952, 0.3424**, and the grayscale version is **77.3689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7806, 0.3387, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **62.0678, 0.3512, 0.3074**, and if you desaturate by 10%, it is **89.8351, 0.3199, 0.3242**.

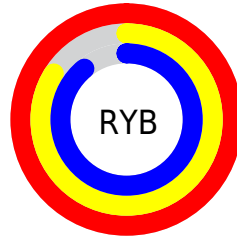
Distribution



Red (100%)

Green (84%)

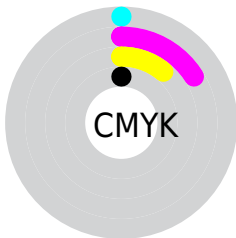
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

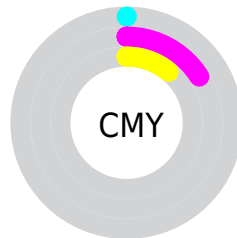


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8992, 0.3340, 0.3160 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 74.8992, 0.3340, 0.3160 by changing the saturation by 10% instead.


 74.8992, 0.3340,
0.3160

 74.8992, 0.3340,
0.3160


477.5710, 0.3242,
0.3220

 55.5303, 0.3362,
0.3146

126.1697, 0.3306,
0.3181

 39.8265, 0.3390,
0.3130


158.8400, 0.3293,
0.3189

 27.4033, 0.3424,
0.3109


196.7130, 0.3282,
0.3196

 17.8763, 0.3470,
0.3082

240.1730, 0.3272,
0.3202

 10.8612, 0.3531,
0.3045

289.6044, 0.3263,
0.3207

 5.9736, 0.3619,
0.2992

345.3916, 0.3255,

 2.8290, 0.3756,

0.3212

0.2910

407.9190, 0.3248,
0.3216

■ 1.0431, 0.3999,
0.2768

■ 0.0000, 1.0000,
0.0000

■ 74.8992, 0.3340,
0.3160

■ 74.8992, 0.3340,
0.3160

■ 62.0678, 0.3512,
0.3074

■ 89.8351, 0.3199,
0.3242

■ 51.2638, 0.3721,
0.2987

100.0000, 0.3127,
0.3290

■ 42.3765, 0.3973,
0.2904

■ 35.2925, 0.4268,
0.2834

■ 29.8860, 0.4603,
0.2788

■ 26.0150, 0.4961,
0.2778

■ 23.5139, 0.5317,
0.2815

■ 22.1771, 0.5637,
0.2900

■ 21.8529, 0.5749,
0.2941

Harmonies

Analogous

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



74.8992, 0.3149, 0.3031



74.8992, 0.3340, 0.3160



74.8992, 0.3476, 0.3324

Triad

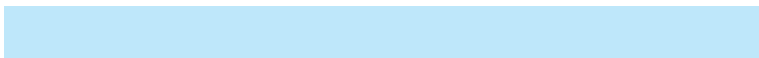
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8992, 0.3340, 0.3160



74.8992, 0.3292, 0.3635



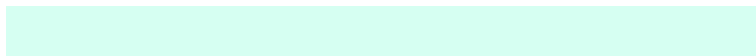
74.8992, 0.2754, 0.3079

Complementary

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



74.8992, 0.3340, 0.3160



92.2241, 0.2952, 0.3424

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.



74.8992, 0.2790, 0.3240



74.8992, 0.3340, 0.3160



74.8992, 0.3097, 0.3570

Square

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



74.8992, 0.3340, 0.3160



74.8992, 0.3446, 0.3601



74.8992, 0.2914, 0.3423



74.8992, 0.2814, 0.2981

Rectangle

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



74.8992, 0.3340, 0.3160



74.8992, 0.3514, 0.3434



74.8992, 0.2914, 0.3423



74.8992, 0.2756, 0.3127

Sweetspot

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



74.8927, 0.3340, 0.3160



91.5852, 0.3186, 0.3251



74.0653, 0.3050, 0.2878



19.3594, 0.3195, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

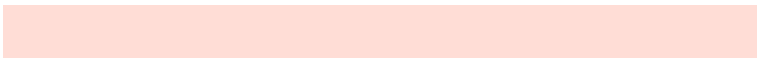
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8927, 0.3340, 0.3160



70.9378, 0.3386, 0.3135



77.7336, 0.3423, 0.3360



18.0821, 0.3244, 0.3215



11.4424, 0.5706, 0.2917



1.1330, 0.5387, 0.2741

Inverse Universe

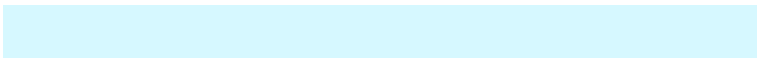
The Inverse Universe completely reimagines the original color for something new.



74.8927, 0.3340, 0.3160



70.9378, 0.3386, 0.3135



88.7502, 0.2880, 0.3219



18.0821, 0.3244, 0.3215



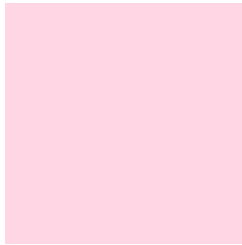
11.4424, 0.5706, 0.2917



1.1330, 0.5387, 0.2741

Previews

White Background



This preview shows how the Yxy color 74.8992, 0.3340, 0.3160 looks on a white background.

Color Contrast Check

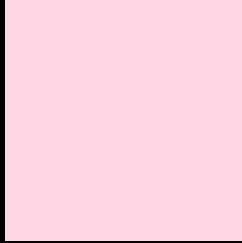
Large Text (above 18pt) WCAG AA × Fail

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 74.8992, 0.3340, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

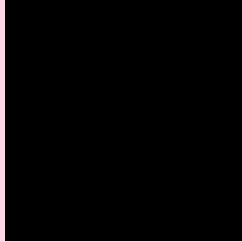
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8992, 0.3340, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 74.8992, 0.3340, 0.3160.



This preview shows how white text looks on a background with the Yxy color 74.8992, 0.3340, 0.3160.

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

74.8992, 0.3340, 0.3160

Protanopia

74.8273, 0.3083, 0.3184

Deuteranopia

75.2266, 0.3276, 0.3209



Tritanopia

75.0663, 0.3318, 0.3130

Trichromacy



Original Color

74.8992, 0.3340, 0.3160

Protanomaly

74.9604, 0.3175, 0.3176

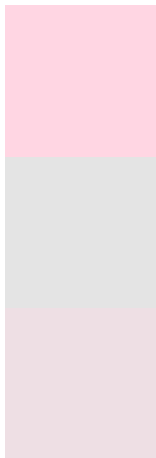
Deuteranomaly

75.2564, 0.3299, 0.3199

Tritanomaly

75.0103, 0.3325, 0.3140

Monochromacy



Original Color

74.8992, 0.3340, 0.3160

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.5539, 0.3200, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8992, 0.3340, 0.3160 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, 214, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 227)  
}
```

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, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.8992, 0.3340, 0.3160 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, 214, 227) }
```

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

```
.border{ border-color:rgb(255, 214, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8992, 0.3340, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 227) }
```

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

```
.background{ background-color: rgb(255,  
214, 227) }
```

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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