

Converting Colors

$Y_{xy}(75.0952, 0.3327, 0.3145)$

Have a look what the booklet for
Yxy(75.0952, 0.3327, 0.3145)
contains.

Yxy(75.0103, 0.3325, 0.3140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.0103, 0.3325, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E5
RGB	255, 214, 229
RGB Percent	100%, 84%, 90%
CMY	0.0000, 0.1608, 0.1018
CMYK	0.00, 0.16, 0.10, 0.00
HSL	338°, 100%, 92%
HSV	338°, 16%, 100%
XYZ	79.4297, 75.0103, 84.4463
YIQ	227.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

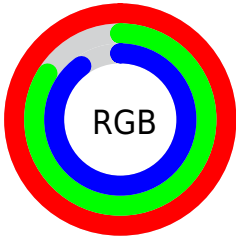
Format	Color
R _{YB}	255, 214, 229
Decimal	16766693
CIE _{Lab}	89.40, 16.66, -2.03
CIE _{LCh}	89, 16.784, 353.040
Yxy	75.0103, 0.3325, 0.3140
Android (android.graphics.Color)	4294956773 (0xFFFFD6E5)
YUV	227.9690, 0.5083, 23.7062
Hunter-Lab	86.6085, 12.1397, 2.8161

Details

The Yxy color **75.0103, 0.3325, 0.3140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.0983, 0.2963, 0.3445**, and the grayscale version is **77.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8580, 0.3368, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **62.2402, 0.3484, 0.3041**, and if you desaturate by 10%, it is **89.8912, 0.3194, 0.3235**.

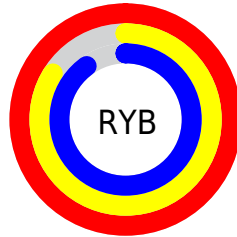
Distribution



Red (100%)

Green (84%)

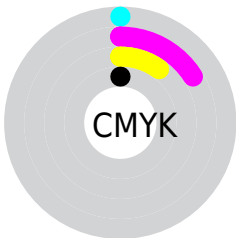
Blue (90%)



Red (100%)

Yellow (84%)

Blue (90%)

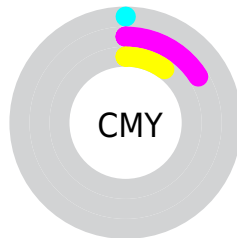


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0103, 0.3325, 0.3140 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 75.0103, 0.3325, 0.3140 by changing the saturation by 10% instead.


 75.0103, 0.3325,
0.3140

 75.0103, 0.3325,
0.3140


477.9530, 0.3234,
0.3209

 55.6213, 0.3346,
0.3125


126.3269, 0.3294,
0.3164

 39.8994, 0.3371,
0.3106


159.0234, 0.3281,
0.3173

 27.4601, 0.3403,
0.3082


196.9245, 0.3271,
0.3181

 17.9191, 0.3445,
0.3051

240.4146, 0.3262,
0.3188

 10.8919, 0.3501,
0.3009

289.8781, 0.3254,
0.3194

 5.9942, 0.3582,
0.2949

345.6994, 0.3246,

 2.8416, 0.3708,

0.3199

0.2858

408.2629, 0.3240,
0.3204

■ 1.0496, 0.3928,
0.2702

■ 0.0000, 0.8315,
0.0000

■ 75.0103, 0.3325,
0.3140

■ 75.0103, 0.3325,
0.3140

■ 62.2402, 0.3484,
0.3041

■ 89.8912, 0.3194,
0.3235

■ 51.4749, 0.3678,
0.2940

99.9977, 0.3127,
0.3290

■ 42.6141, 0.3909,
0.2845

■ 35.5452, 0.4179,
0.2762

■ 30.1431, 0.4484,
0.2705

■ 26.2668, 0.4813,
0.2685

■ 23.7514, 0.5144,
0.2715

■ 22.3925, 0.5450,
0.2797

■ 22.0571, 0.5561,
0.2837

Harmonies

Analogous

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



75.0103, 0.3126, 0.3014



75.0103, 0.3325, 0.3140



75.0103, 0.3473, 0.3305

Triad

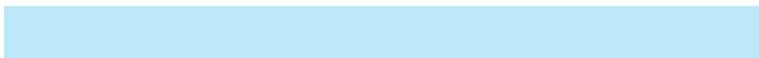
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0103, 0.3325, 0.3140



75.0103, 0.3316, 0.3644



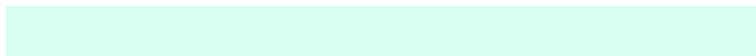
75.0103, 0.2745, 0.3090

Complementary

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



75.0103, 0.3325, 0.3140



92.0983, 0.2963, 0.3445

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.



75.0103, 0.2793, 0.3259



75.0103, 0.3325, 0.3140



75.0103, 0.3118, 0.3589

Square

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



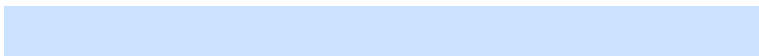
75.0103, 0.3325, 0.3140



75.0103, 0.3466, 0.3598



75.0103, 0.2928, 0.3445



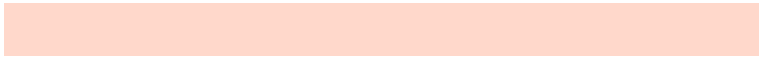
75.0103, 0.2796, 0.2981

Rectangle

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



75.0103, 0.3325, 0.3140



75.0103, 0.3520, 0.3419



75.0103, 0.2928, 0.3445



75.0103, 0.2750, 0.3141

Sweetspot

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



75.0136, 0.3325, 0.3140



91.6240, 0.3182, 0.3245



73.7152, 0.3036, 0.2877



19.3689, 0.3190, 0.3239



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

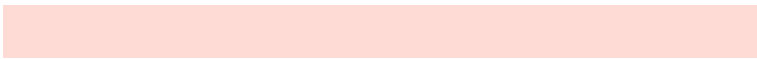
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0136, 0.3325, 0.3140



71.0670, 0.3368, 0.3111



76.6657, 0.3426, 0.3339



18.0972, 0.3236, 0.3203



11.5528, 0.5518, 0.2813



1.1450, 0.5206, 0.2642

Inverse Universe

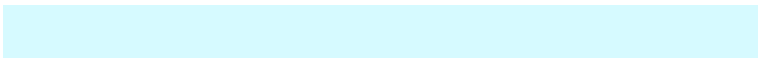
The Inverse Universe completely reimagines the original color for something new.



75.0136, 0.3325, 0.3140



71.0670, 0.3368, 0.3111



90.0162, 0.2881, 0.3240



18.0972, 0.3236, 0.3203



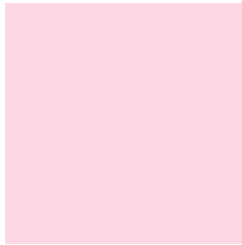
11.5528, 0.5518, 0.2813



1.1450, 0.5206, 0.2642

Previews

White Background



This preview shows how the Yxy color 75.0103, 0.3325, 0.3140 looks on a white background.

Color Contrast Check

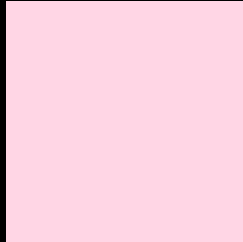
Large Text (above 18pt) WCAG AA × Fail

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 75.0103, 0.3325, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

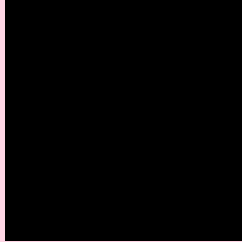
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0103, 0.3325, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 75.0103, 0.3325, 0.3140.

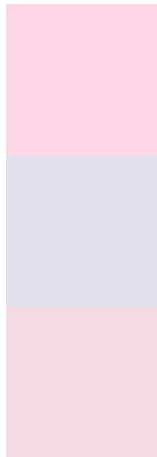


This preview shows how white text looks on a background with the Yxy color 75.0103, 0.3325, 0.3140.

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

75.0103, 0.3325, 0.3140

Protanopia

75.4782, 0.3070, 0.3174

Deuteranopia

75.1567, 0.3255, 0.3188



Tritanopia

75.0663, 0.3318, 0.3130

Trichromacy



Original Color

75.0103, 0.3325, 0.3140

Protanomaly

75.0741, 0.3162, 0.3155

Deuteranomaly

75.3669, 0.3285, 0.3179

Tritanomaly

75.0663, 0.3318, 0.3130

Monochromacy



Original Color

75.0103, 0.3325, 0.3140

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 75.0103, 0.3325, 0.3140 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.0103, 0.3325, 0.3140 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, 229) }
```

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

```
.border{ border-color:rgb(255, 214, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 214, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 214, 229); box-shadow:4px 4px 4px 4px rgb(255, 214, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0103, 0.3325, 0.3140 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
214, 229) }
```

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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