

Converting Colors

$Y_{xy}(75.8737, 0.3325, 0.3160)$

Have a look what the booklet for
Yxy(75.8737, 0.3325, 0.3160)
contains.

Yxy(76.0289, 0.3323, 0.3161)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.0289, 0.3323, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E5
RGB	255, 216, 229
RGB Percent	100%, 85%, 90%
CMY	0.0001, 0.1529, 0.1021
CMYK	0.00, 0.15, 0.10, 0.00
HSL	340°, 100%, 92%
HSV	340°, 15%, 100%
XYZ	79.9254, 76.0289, 84.5674
YIQ	229.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

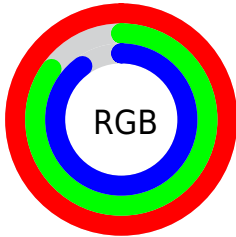
Format	Color
R _Y B	255, 216, 229
Decimal	16767205
CIE Lab	89.87, 15.59, -1.30
CIE LCh	90, 15.645, 355.224
Yxy	76.0289, 0.3323, 0.3161
Android (android.graphics.Color)	4294957285 (0xFFFFD8E5)
YUV	229.1430, -0.0705, 22.6766
Hunter-Lab	87.1946, 11.0284, 3.5326

Details

The Yxy color **76.0289, 0.3323, 0.3161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.5123, 0.2964, 0.3423**, and the grayscale version is **78.4542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5515, 0.3365, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **63.0596, 0.3488, 0.3071**, and if you desaturate by 10%, it is **91.1251, 0.3188, 0.3247**.

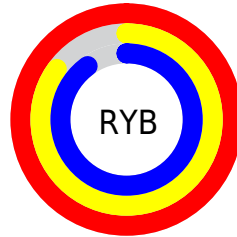
Distribution



Red (100%)

Green (85%)

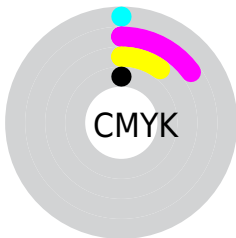
Blue (90%)



Red (100%)

Yellow (85%)

Blue (90%)

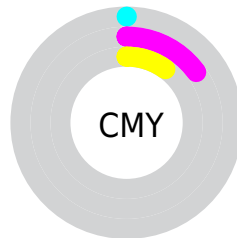


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0289, 0.3323, 0.3161 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 76.0289, 0.3323, 0.3161 by changing the saturation by 10% instead.


 76.0289, 0.3323,
0.3161

 76.0289, 0.3323,
0.3161


481.4466, 0.3233,
0.3220

 56.4562, 0.3343,
0.3148


127.7678, 0.3292,
0.3181

 40.5688, 0.3368,
0.3131


160.7027, 0.3280,
0.3189

 27.9823, 0.3400,
0.3111


198.8605, 0.3269,
0.3196

 18.3123, 0.3441,
0.3084

242.6256, 0.3260,
0.3202

 11.1745, 0.3497,
0.3048

292.3824, 0.3252,
0.3207

 6.1843, 0.3577,
0.2997

348.5152, 0.3245,

 2.9575, 0.3700,

0.3212

0.2918

411.4085, 0.3239,
0.3216

■ 1.1096, 0.3916,
0.2782

■ 0.0000, 0.8290,
0.0000

■ 76.0289, 0.3323,
0.3161

■ 76.0289, 0.3323,
0.3161

■ 63.0596, 0.3488,
0.3071

■ 91.1251, 0.3188,
0.3247

■ 52.1113, 0.3690,
0.2980

99.9934, 0.3127,
0.3290

■ 43.0841, 0.3932,
0.2893

■ 35.8656, 0.4216,
0.2817

■ 30.3314, 0.4539,
0.2765

■ 26.3416, 0.4887,
0.2749

■ 23.7329, 0.5237,
0.2780

■ 22.3045, 0.5557,
0.2861

■ 21.9055, 0.5693,
0.2910

Harmonies

Analogous

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



76.0289, 0.3140, 0.3040



76.0289, 0.3323, 0.3161



76.0289, 0.3454, 0.3316

Triad

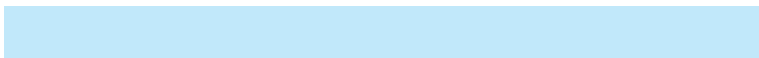
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0289, 0.3323, 0.3161



76.0289, 0.3290, 0.3618



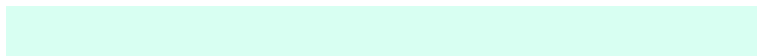
76.0289, 0.2772, 0.3095

Complementary

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



76.0289, 0.3323, 0.3161



92.5123, 0.2964, 0.3423

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.



76.0289, 0.2810, 0.3250



76.0289, 0.3323, 0.3161



76.0289, 0.3106, 0.3560

Square

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



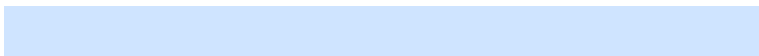
76.0289, 0.3323, 0.3161



76.0289, 0.3434, 0.3582



76.0289, 0.2931, 0.3422



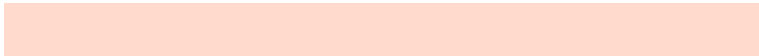
76.0289, 0.2826, 0.2999

Rectangle

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



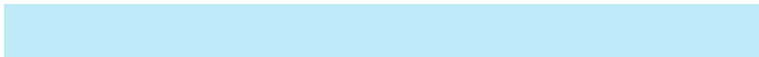
76.0289, 0.3323, 0.3161



76.0289, 0.3493, 0.3421



76.0289, 0.2931, 0.3422



76.0289, 0.2775, 0.3142

Sweetspot

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



76.0323, 0.3323, 0.3161



91.5971, 0.3185, 0.3249



75.2157, 0.3054, 0.2900



19.3623, 0.3193, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

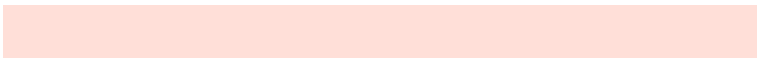
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0323, 0.3323, 0.3161



72.3113, 0.3365, 0.3137



78.7281, 0.3405, 0.3356



18.0867, 0.3242, 0.3211



11.4742, 0.5650, 0.2886



1.1365, 0.5332, 0.2711

Inverse Universe

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



76.0323, 0.3323, 0.3161



72.3113, 0.3365, 0.3137



89.2474, 0.2892, 0.3223



18.0867, 0.3242, 0.3211



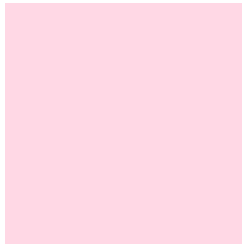
11.4742, 0.5650, 0.2886



1.1365, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 76.0289, 0.3323, 0.3161 looks on a white background.

Color Contrast Check

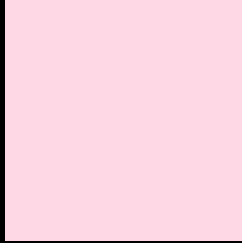
Large Text (above 18pt) WCAG AA × Fail

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 76.0289, 0.3323, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

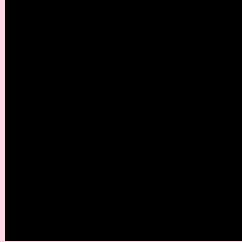
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0289, 0.3323, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 76.0289, 0.3323, 0.3161.

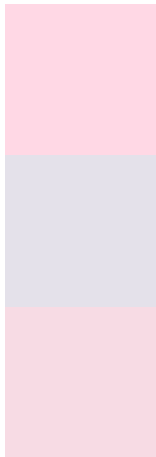


This preview shows how white text looks on a background with the Yxy color 76.0289, 0.3323, 0.3161.

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

76.0289, 0.3323, 0.3161

Protanopia

76.2849, 0.3090, 0.3195

Deuteranopia

76.0386, 0.3268, 0.3199



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.0289, 0.3323, 0.3161

Protanomaly

76.2459, 0.3174, 0.3187

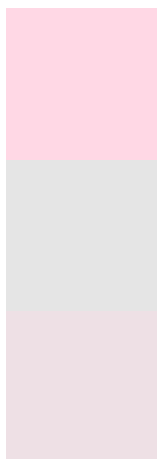
Deuteranomaly

76.0682, 0.3291, 0.3189

Tritanomaly

76.1413, 0.3309, 0.3141

Monochromacy



Original Color

76.0289, 0.3323, 0.3161

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.1456, 0.3193, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0289, 0.3323, 0.3161 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 229) }
```

Border

The CSS property to change the border of an element to Yxy 76.0289, 0.3323, 0.3161 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, 229) }
```

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

```
.border{ border-color:rgb(255, 216, 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, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0289, 0.3323, 0.3161 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, 229) }
```

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

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