

Converting Colors

$Y_{xy}(83.2800, 0.3564, 0.3109)$

Have a look what the booklet for
Yxy(83.2800, 0.3564, 0.3109)
contains.

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Color

Yxy(75.2936, 0.3290, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6EA
RGB	255, 214, 234
RGB Percent	100%, 84%, 92%
CMY	0.0000, 0.1608, 0.0823
CMYK	0.00, 0.16, 0.08, 0.00
HSL	331°, 100%, 92%
HSV	331°, 16%, 100%
XYZ	80.1410, 75.2936, 88.1551
YIQ	228.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

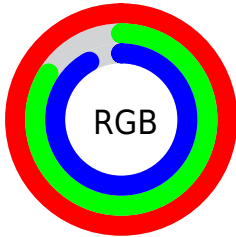
Format	Color
R _Y B	255, 214, 234
Decimal	16766698
CIE Lab	89.53, 17.49, -4.46
CIE LCh	90, 18.049, 345.704
Yxy	75.2936, 0.3290, 0.3091
Android (android.graphics.Color)	4294956778 (0xFFFFD6EA)
YUV	228.5390, 2.6923, 23.2063
Hunter-Lab	86.7719, 13.0088, 0.5052

Details

The Yxy color **75.2936, 0.3290, 0.3091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8143, 0.2990, 0.3498**, and the grayscale version is **77.9688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0164, 0.3331, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **62.6589, 0.3419, 0.2960**, and if you desaturate by 10%, it is **90.0065, 0.3183, 0.3217**.

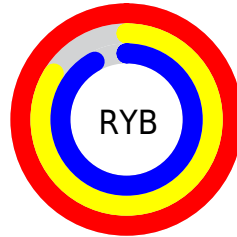
Distribution



Red (100%)

Green (84%)

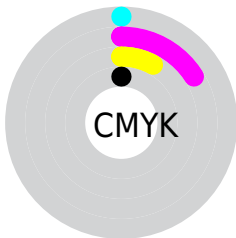
Blue (92%)



Red (100%)

Yellow (84%)

Blue (92%)

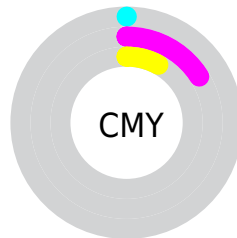


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2936, 0.3290, 0.3091 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 75.2936, 0.3290, 0.3091 by changing the saturation by 10% instead.

 75.2936, 0.3290,
0.3091

 75.2936, 0.3290,
0.3091


478.9261, 0.3216,
0.3181

 55.8535, 0.3307,
0.3071

126.7279, 0.3264,
0.3122

 40.0854, 0.3327,
0.3046


159.4908, 0.3254,
0.3134

 27.6052, 0.3353,
0.3015


197.4634, 0.3246,
0.3145

 18.0282, 0.3386,
0.2975

241.0302, 0.3238,
0.3154

 10.9703, 0.3431,
0.2922

290.5754, 0.3232,
0.3162

 6.0468, 0.3495,
0.2847

346.4836, 0.3226,

 2.8736, 0.3593,

0.3169

0.2733

409.1390, 0.3221,
0.3175

■ 1.0661, 0.3761,
0.2542

■ 0.0000, 0.5969,
0.0000

■ 75.2936, 0.3290,
0.3091

■ 75.2936, 0.3290,
0.3091

■ 62.6589, 0.3419,
0.2960

■ 90.0065, 0.3183,
0.3217

■ 52.0037, 0.3573,
0.2828

100.0000, 0.3127,
0.3290

■ 43.2270, 0.3755,
0.2701

■ 36.2169, 0.3965,
0.2589

■ 30.8500, 0.4199,
0.2504

■ 26.9866, 0.4452,
0.2458

■ 24.4630, 0.4710,
0.2463

■ 23.0767, 0.4959,
0.2523

■ 22.7261, 0.5053,
0.2557

Harmonies

Analogous

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



75.2936, 0.3072, 0.2972



75.2936, 0.3290, 0.3091



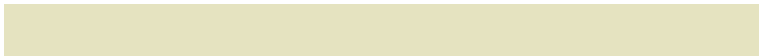
75.2936, 0.3468, 0.3260

Triad

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



75.2936, 0.3290, 0.3091



75.2936, 0.3376, 0.3669



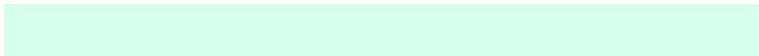
75.2936, 0.2721, 0.3114

Complementary

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



75.2936, 0.3290, 0.3091



91.8143, 0.2990, 0.3498

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.



75.2936, 0.2796, 0.3306



75.2936, 0.3290, 0.3091



75.2936, 0.3170, 0.3637

Square

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



75.2936, 0.3290, 0.3091



75.2936, 0.3517, 0.3594



75.2936, 0.2959, 0.3502



75.2936, 0.2749, 0.2979

Rectangle

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



75.2936, 0.3290, 0.3091



75.2936, 0.3537, 0.3383



75.2936, 0.2959, 0.3502



75.2936, 0.2734, 0.3174

Sweetspot

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



75.2949, 0.3290, 0.3091



91.7198, 0.3173, 0.3230



72.8913, 0.3003, 0.2873



19.3921, 0.3179, 0.3222



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.



75.2949, 0.3290, 0.3091



71.3918, 0.3325, 0.3053



74.2091, 0.3434, 0.3291



18.1348, 0.3217, 0.3175



11.9048, 0.5016, 0.2537



1.1811, 0.4755, 0.2393

Inverse Universe

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



75.2949, 0.3290, 0.3091



71.3918, 0.3325, 0.3053



93.0364, 0.2883, 0.3289



18.1348, 0.3217, 0.3175



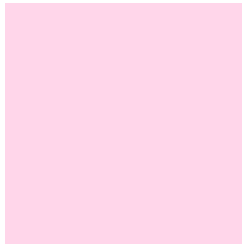
11.9048, 0.5016, 0.2537



1.1811, 0.4755, 0.2393

Previews

White Background



This preview shows how the Yxy color 75.2936, 0.3290, 0.3091 looks on a white background.

Color Contrast Check

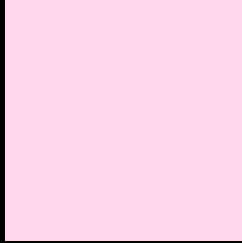
Large Text (above 18pt) WCAG AA × Fail

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 75.2936, 0.3290, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

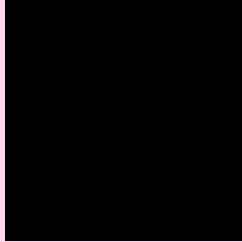
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2936, 0.3290, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 75.2936, 0.3290, 0.3091.



This preview shows how white text looks on a background with the Yxy color 75.2936, 0.3290, 0.3091.

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

75.2936, 0.3290, 0.3091

Protanopia

75.6101, 0.3032, 0.3122

Deuteranopia

75.0807, 0.3206, 0.3137



Tritanopia

75.1227, 0.3311, 0.3121

Trichromacy



Original Color

75.2936, 0.3290, 0.3091

Protanomaly

75.1923, 0.3122, 0.3104

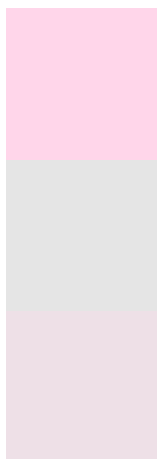
Deuteranomaly

75.2831, 0.3236, 0.3128

Tritanomaly

75.1793, 0.3304, 0.3111

Monochromacy



Original Color

75.2936, 0.3290, 0.3091

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.2580, 0.3180, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2936, 0.3290, 0.3091 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.2936, 0.3290, 0.3091 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, 234) }
```

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

```
.border{ border-color:rgb(255, 214, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2936, 0.3290, 0.3091 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
214, 234) }
```

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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