

Converting Colors

Yxy(84.6358, 0.3628, 0.3118)

Have a look what the booklet for
Yxy(84.6358, 0.3628, 0.3118)
contains.

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Color

Yxy(75.2363, 0.3297, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E9
RGB	255, 214, 233
RGB Percent	100%, 84%, 91%
CMY	0.0000, 0.1607, 0.0863
CMYK	0.00, 0.16, 0.09, 0.00
HSL	332°, 100%, 92%
HSV	332°, 16%, 100%
XYZ	79.9916, 75.2363, 87.3915
YIQ	228.4250, 18.3370, 14.6010

Conversions

Conversions Part 2

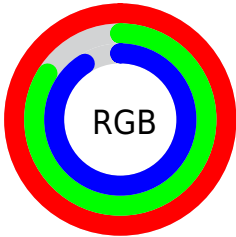
Format	Color
R _{YB}	255, 214, 233
Decimal	16766697
CIE _{Lab}	89.50, 17.31, -3.96
CIE _{LCh}	90, 17.760, 347.106
Y _{xy}	75.2363, 0.3297, 0.3101
Android (android.graphics.Color)	4294956777 (0xFFFFD6E9)
Y _{UV}	228.4250, 2.2555, 23.3063
Hunter-Lab	86.7389, 12.8219, 0.9811

Details

The Yxy color **75.2363, 0.3297, 0.3101** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8701, 0.2985, 0.3487**, and the grayscale version is **77.8850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9764, 0.3340, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **62.5743, 0.3432, 0.2976**, and if you desaturate by 10%, it is **89.9860, 0.3185, 0.3221**.

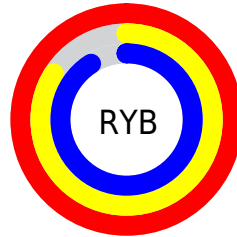
Distribution



Red (100%)

Green (84%)

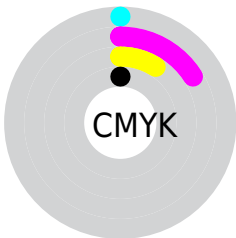
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

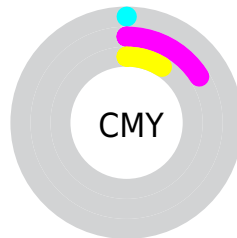


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2363, 0.3297, 0.3101 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 75.2363, 0.3297, 0.3101 by changing the saturation by 10% instead.


 75.2363, 0.3297,
0.3101

 75.2363, 0.3297,
0.3101

478.7294, 0.3219,
0.3187

 55.8065, 0.3314,
0.3082


126.6468, 0.3270,
0.3130

 40.0478, 0.3336,
0.3058

159.3963, 0.3260,
0.3142

 27.5758, 0.3363,
0.3029


197.3545, 0.3251,
0.3152

 18.0061, 0.3398,
0.2991

240.9057, 0.3243,
0.3161

 10.9544, 0.3445,
0.2940

290.4344, 0.3236,
0.3168

 6.0362, 0.3513,
0.2868

346.3250, 0.3230,

 2.8671, 0.3616,

0.3175

0.2758

408.9619, 0.3224,
0.3181

■ 1.0627, 0.3794,
0.2574

■ 0.0000, 0.6303,
0.0000

■ 75.2363, 0.3297,
0.3101

■ 75.2363, 0.3297,
0.3101

■ 62.5743, 0.3432,
0.2976

■ 89.9860, 0.3185,
0.3221

■ 51.8948, 0.3594,
0.2851

99.9988, 0.3127,
0.3290

■ 43.0986, 0.3786,
0.2730

■ 36.0740, 0.4008,
0.2624

■ 30.6971, 0.4256,
0.2544

■ 26.8278, 0.4524,
0.2504

■ 24.3027, 0.4798,
0.2514

■ 22.9187, 0.5061,
0.2580

■ 22.5696, 0.5160,
0.2616

Harmonies

Analogous

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



75.2363, 0.3083, 0.2981



75.2363, 0.3297, 0.3101



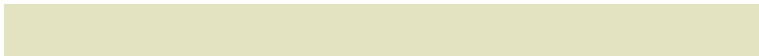
75.2363, 0.3469, 0.3269

Triad

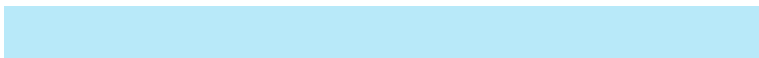
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2363, 0.3297, 0.3101



75.2363, 0.3363, 0.3663



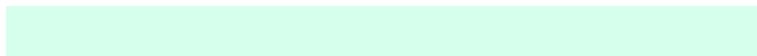
75.2363, 0.2726, 0.3109

Complementary

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



75.2363, 0.3297, 0.3101



91.8701, 0.2985, 0.3487

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.



75.2363, 0.2795, 0.3297



75.2363, 0.3297, 0.3101



75.2363, 0.3160, 0.3627

Square

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



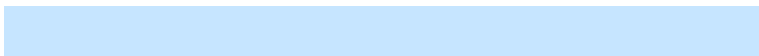
75.2363, 0.3297, 0.3101



75.2363, 0.3506, 0.3594



75.2363, 0.2953, 0.3490



75.2363, 0.2759, 0.2980

Rectangle

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



75.2363, 0.3297, 0.3101



75.2363, 0.3533, 0.3390



75.2363, 0.2953, 0.3490



75.2363, 0.2738, 0.3167

Sweetspot

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



75.2396, 0.3297, 0.3101



91.7002, 0.3174, 0.3233



73.1278, 0.3012, 0.2874



19.3873, 0.3181, 0.3225



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

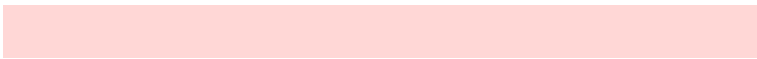
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2396, 0.3297, 0.3101



71.3247, 0.3334, 0.3065



74.9068, 0.3431, 0.3305



18.1271, 0.3221, 0.3180



11.8232, 0.5120, 0.2594



1.1730, 0.4847, 0.2444

Inverse Universe

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



75.2396, 0.3297, 0.3101



71.3247, 0.3334, 0.3065



92.1645, 0.2882, 0.3275



18.1271, 0.3221, 0.3180



11.8232, 0.5120, 0.2594



1.1730, 0.4847, 0.2444

Previews

White Background



This preview shows how the Yxy color 75.2363, 0.3297, 0.3101 looks on a white background.

Color Contrast Check

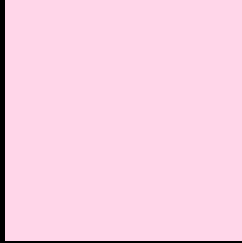
Large Text (above 18pt) WCAG AA × Fail

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 75.2363, 0.3297, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

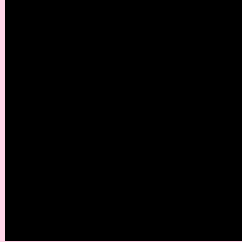
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2363, 0.3297, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 75.2363, 0.3297, 0.3101.

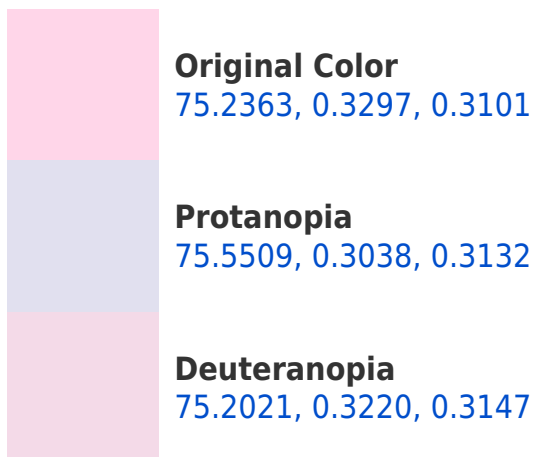


This preview shows how white text looks on a background with the Yxy color 75.2363, 0.3297, 0.3101.

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





Tritanopia

75.1227, 0.3311, 0.3121

Trichromacy



Original Color

75.2363, 0.3297, 0.3101

Protanomaly

75.1337, 0.3128, 0.3114

Deuteranomaly

75.4084, 0.3250, 0.3138

Tritanomaly

75.1793, 0.3304, 0.3111

Monochromacy



Original Color

75.2363, 0.3297, 0.3101

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6657, 0.3187, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2363, 0.3297, 0.3101 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 233) }
```

Border

The CSS property to change the border of an element to Yxy 75.2363, 0.3297, 0.3101 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, 233) }
```

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

```
.border{ border-color:rgb(255, 214, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
233) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.2363, 0.3297, 0.3101$ 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
214, 233) }
```

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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