

Converting Colors

$Yxy(72.6194, 0.3324, 0.3082)$

Have a look what the booklet for
Yxy(72.6194, 0.3324, 0.3082)
contains.

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Color

Yxy(72.5741, 0.3324, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1E6
RGB	255, 209, 230
RGB Percent	100%, 82%, 90%
CMY	0.0000, 0.1804, 0.0981
CMYK	0.00, 0.18, 0.10, 0.00
HSL	333°, 100%, 91%
HSV	333°, 18%, 100%
XYZ	78.3235, 72.5741, 84.7326
YIQ	225.1480, 20.6750, 16.2830

Conversions

Conversions Part 2

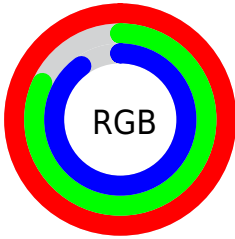
Format	Color
R_{YB}	255, 209, 230
Decimal	16765414
CIE _{Lab}	88.24, 19.44, -4.23
CIE _{LCh}	88, 19.891, 347.721
Yxy	72.5741, 0.3324, 0.3080
Android (android.graphics.Color)	4294955494 (0xFFFFD1E6)
YUV	225.1480, 2.3920, 26.1802
Hunter-Lab	85.1904, 15.0284, 0.6619

Details

The Yxy color **72.5741, 0.3324, 0.3080** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.0176, 0.2966, 0.3510**, and the grayscale version is **75.3787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2121, 0.3367, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **60.2999, 0.3466, 0.2957**, and if you desaturate by 10%, it is **86.9166, 0.3206, 0.3199**.

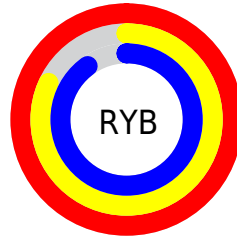
Distribution



Red (100%)

Green (82%)

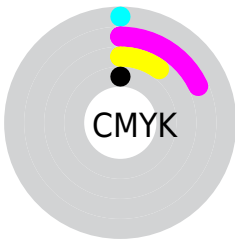
Blue (90%)



Red (100%)

Yellow (82%)

Blue (90%)

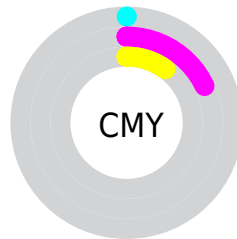


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5741, 0.3324, 0.3080 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 72.5741, 0.3324, 0.3080 by changing the saturation by 10% instead.

 72.5741, 0.3324,
0.3080

 72.5741, 0.3324,
0.3080


469.5374, 0.3234,
0.3176

 53.6278, 0.3345,
0.3058

122.8724, 0.3293,
0.3113

 38.3042, 0.3370,
0.3032


154.9932, 0.3281,
0.3126

 26.2188, 0.3402,
0.2999


192.2742, 0.3270,
0.3137

 16.9874, 0.3443,
0.2956

235.0999, 0.3261,
0.3147

 10.2255, 0.3500,
0.2898

283.8547, 0.3253,
0.3155

 5.5487, 0.3580,
0.2815

338.9230, 0.3246,

 2.5727, 0.3705,

0.3163

0.2690

400.6890, 0.3239,
0.3170

■ 0.9130, 0.3925,
0.2476

■ 0.0000, 0.7750,
0.0000

■ 72.5741, 0.3324,
0.3080

■ 72.5741, 0.3324,
0.3080

■ 60.2999, 0.3466,
0.2957

■ 86.9166, 0.3206,
0.3199

■ 49.9918, 0.3636,
0.2833

100.0000, 0.3127,
0.3290

■ 41.5474, 0.3837,
0.2716

■ 34.8527, 0.4068,
0.2616

■ 29.7811, 0.4325,
0.2545

■ 26.1886, 0.4600,
0.2515

■ 23.9055, 0.4877,
0.2538

■ 22.7017, 0.5140,
0.2615

■ 22.5286, 0.5190,
0.2633

Harmonies

Analogous

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



72.5741, 0.3082, 0.2943



72.5741, 0.3324, 0.3080



72.5741, 0.3518, 0.3270

Triad

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



72.5741, 0.3324, 0.3080



72.5741, 0.3390, 0.3715



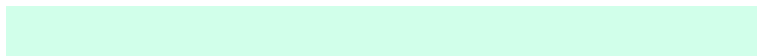
72.5741, 0.2674, 0.3080

Complementary

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



72.5741, 0.3324, 0.3080



91.0176, 0.2966, 0.3510

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.



72.5741, 0.2749, 0.3292



72.5741, 0.3324, 0.3080



72.5741, 0.3158, 0.3672

Square

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



72.5741, 0.3324, 0.3080



72.5741, 0.3555, 0.3636



72.5741, 0.2925, 0.3514



72.5741, 0.2713, 0.2936

Rectangle

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



72.5741, 0.3324, 0.3080



72.5741, 0.3589, 0.3406



72.5741, 0.2925, 0.3514



72.5741, 0.2686, 0.3145

Sweetspot

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



72.5760, 0.3324, 0.3080



91.6946, 0.3175, 0.3234



70.2375, 0.2996, 0.2820



19.3860, 0.3182, 0.3226



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.



72.5760, 0.3324, 0.3080



67.4694, 0.3377, 0.3031



72.2232, 0.3476, 0.3307



18.1249, 0.3222, 0.3182



11.8009, 0.5150, 0.2611



1.1707, 0.4873, 0.2458

Inverse Universe

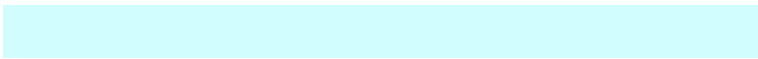
The Inverse Universe completely reimagines the original color for something new.



72.5760, 0.3324, 0.3080



67.4694, 0.3377, 0.3031



91.3218, 0.2854, 0.3273



18.1249, 0.3222, 0.3182



11.8009, 0.5150, 0.2611



1.1707, 0.4873, 0.2458

Previews

White Background



This preview shows how the Yxy color 72.5741, 0.3324, 0.3080 looks on a white background.

Color Contrast Check

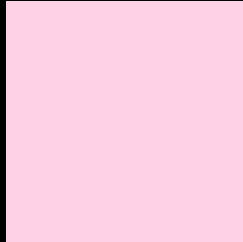
Large Text (above 18pt) WCAG AA × Fail

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 72.5741, 0.3324, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

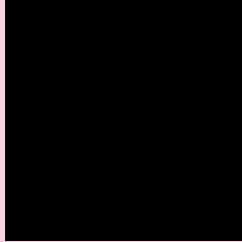
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5741, 0.3324, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 72.5741, 0.3324, 0.3080.

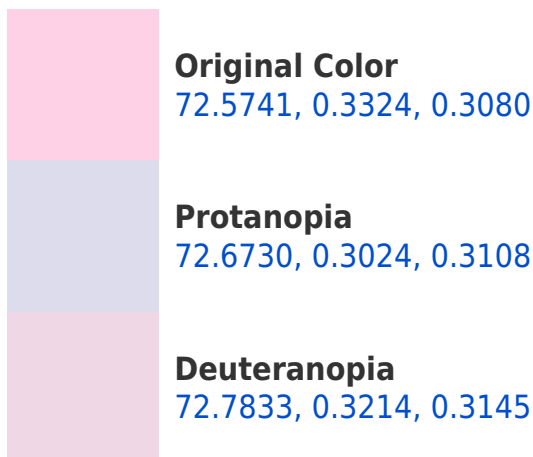


This preview shows how white text looks on a background with the Yxy color 72.5741, 0.3324, 0.3080.

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

72.6550, 0.3344, 0.3129

Trichromacy



Original Color

72.5741, 0.3324, 0.3080

Protanomaly

72.3759, 0.3129, 0.3102

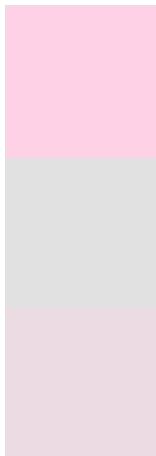
Deuteranomaly

72.6581, 0.3252, 0.3126

Tritanomaly

72.7101, 0.3337, 0.3119

Monochromacy



Original Color

72.5741, 0.3324, 0.3080

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.0420, 0.3196, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5741, 0.3324, 0.3080 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, 209, 230)` looks like.

```
.text, #text, p{  
  color:rgb(255, 209, 230)  
}
```

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, 209, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 230) }
```

Border

The CSS property to change the border of an element to Yxy 72.5741, 0.3324, 0.3080 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, 209, 230) }
```

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

```
.border{ border-color:rgb(255, 209, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 230); box-shadow:4px 4px 4px 4px rgb(255, 209, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5741, 0.3324, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 230) }
```

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

```
.background{ background-color: rgb(255,  
209, 230) }
```

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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