

Converting Colors

$Y_{xy}(75.3511, 0.2837, 0.2553)$

Have a look what the booklet for
Yxy(75.3511, 0.2837, 0.2553)
contains.

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Color

Yxy(73.0077, 0.3048, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	F1D4FF
RGB	241, 212, 255
RGB Percent	95%, 83%, 100%
CMY	0.0550, 0.1686, 0.0001
CMYK	0.05, 0.17, 0.00, 0.00
HSL	280°, 100%, 92%
HSV	280°, 17%, 100%
XYZ	77.8613, 73.0077, 104.5814
YIQ	225.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

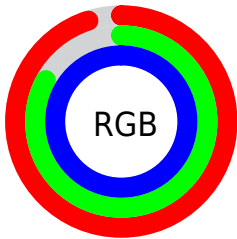
Format	Color
R_{YB}	241, 212, 255
Decimal	15848703
CIE _{Lab}	88.45, 17.62, -17.24
CIE _{LCh}	88, 24.652, 315.619
Yxy	73.0077, 0.3048, 0.2858
Android (android.graphics.Color)	4294038783 (0xFFFF1D4FF)
YUV	225.5730, 14.5075, 13.5295
Hunter-Lab	85.4445, 13.1300, -12.7579

Details

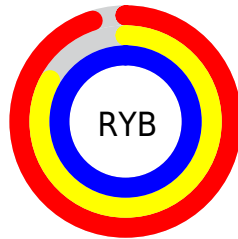
The Yxy color **73.0077, 0.3048, 0.2858** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.4360, 0.3193, 0.3736**, and the grayscale version is **75.6206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5054, 0.3032, 0.2762** is the 20% darker color. If you saturate the color by 10%, you get **59.8230, 0.2989, 0.2584**, and if you desaturate by 10%, it is **88.2784, 0.3098, 0.3120**.

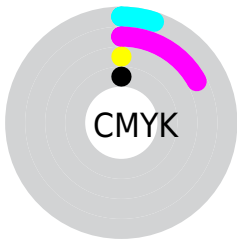
Distribution



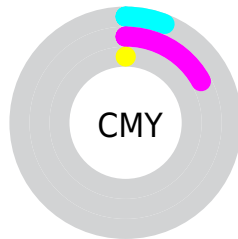
- Red (95%)
- Green (83%)
- Blue (100%)



- Red (95%)
- Yellow (83%)
- Blue (100%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0077, 0.3048, 0.2858 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 73.0077, 0.3048, 0.2858 by changing the saturation by 10% instead.


 73.0077, 0.3048,
0.2858

 73.0077, 0.3048,
0.2858

471.0415, 0.3087,
0.3051

 53.9823, 0.3039,
0.2815


123.4881, 0.3062,
0.2924

 38.5875, 0.3027,
0.2764


155.7119, 0.3067,
0.2950

 26.4390, 0.3012,
0.2699


193.1040, 0.3072,
0.2972

 17.1523, 0.2991,
0.2617

236.0486, 0.3076,
0.2992

 10.3432, 0.2962,
0.2508

284.9303, 0.3079,
0.3009

 5.6271, 0.2919,
0.2359

340.1334, 0.3082,

 2.6197, 0.2849,

0.3025

0.2142

402.0424, 0.3085,
0.3039

0.9366, 0.2720,
0.1800

0.0000, 0.2076,
0.0000

73.0077, 0.3048,
0.2858

73.0077, 0.3048,
0.2858

59.8230, 0.2989,
0.2584

88.2784, 0.3098,
0.3120

48.6199, 0.2922,
0.2304

99.9990, 0.3127,
0.3290

39.2987, 0.2846,
0.2029

31.7475, 0.2762,
0.1769

■ 25.8419, 0.2674,
0.1538

■ 21.4410, 0.2584,
0.1347

■ 18.3798, 0.2496,
0.1204

■ 16.4491, 0.2412,
0.1111

■ 15.9761, 0.2386,
0.1088

Harmonies

Analogous

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



73.0077, 0.2780, 0.2800



73.0077, 0.3048, 0.2858



73.0077, 0.3349, 0.3018

Triad

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



73.0077, 0.3048, 0.2858



73.0077, 0.3665, 0.3703



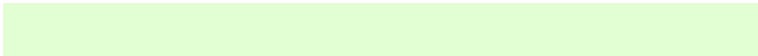
73.0077, 0.2674, 0.3309

Complementary

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



73.0077, 0.3048, 0.2858



92.4360, 0.3193, 0.3736

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.



73.0077, 0.2894, 0.3586



73.0077, 0.3048, 0.2858



73.0077, 0.3468, 0.3815

Square

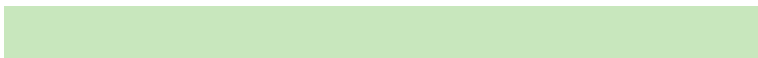
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0077, 0.3048, 0.2858



73.0077, 0.3716, 0.3492



73.0077, 0.3184, 0.3776



73.0077, 0.2573, 0.3043

Rectangle

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



73.0077, 0.3048, 0.2858



73.0077, 0.3527, 0.3164



73.0077, 0.3184, 0.3776



73.0077, 0.2736, 0.3405

Sweetspot

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



73.0108, 0.3048, 0.2858



91.3536, 0.3106, 0.3167



75.7952, 0.2857, 0.2988



19.3027, 0.3103, 0.3149



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.



73.0108, 0.3048, 0.2858



68.6484, 0.3031, 0.2773



75.1179, 0.3195, 0.2938



17.9863, 0.3085, 0.3052



8.4333, 0.2399, 0.1095



0.8803, 0.2493, 0.1147

Inverse Universe

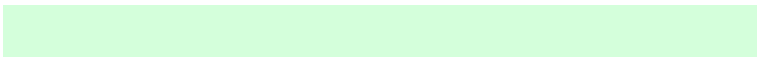
The Inverse Universe completely reimagines the original color for something new.



73.8437, 0.3349, 0.3150



69.6461, 0.3400, 0.3122



90.6330, 0.3066, 0.3669



18.0847, 0.3243, 0.3213



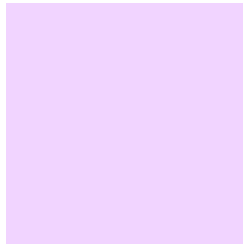
11.4603, 0.5675, 0.2900



1.1349, 0.5356, 0.2724

Previews

White Background



This preview shows how the Yxy color 73.0077, 0.3048, 0.2858 looks on a white background.

Color Contrast Check

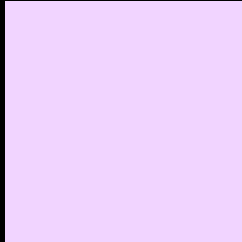
Large Text (above 18pt) WCAG AA × Fail

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 73.0077, 0.3048, 0.2858 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 73.0077, 0.3048, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 73.0077, 0.3048, 0.2858.

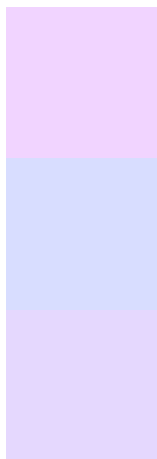


This preview shows how white text looks on a background with the Yxy color 73.0077, 0.3048, 0.2858.

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

73.0077, 0.3048, 0.2858

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

72.9255, 0.2971, 0.2899



Tritanopia

73.1721, 0.3171, 0.3114

Trichromacy



Original Color

73.0077, 0.3048, 0.2858

Protanomaly

73.3704, 0.2939, 0.2907

Deuteranomaly

73.0803, 0.2999, 0.2891

Tritanomaly

73.3025, 0.3125, 0.3023

Monochromacy



Original Color

73.0077, 0.3048, 0.2858

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.8163, 0.3093, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0077, 0.3048, 0.2858 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(241, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 212, 255)  
}
```

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(241, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.0077, 0.3048, 0.2858 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(241, 212, 255) }
```

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

```
.border{ border-color:rgb(241, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0077, 0.3048, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 212, 255) }
```

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

```
.background{ background-color: rgb(241,  
212, 255) }
```

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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