

Converting Colors

$Y_{xy}(70.7374, 0.2557, 0.2004)$

Have a look what the booklet for
Yxy(70.7374, 0.2557, 0.2004)
contains.

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Color

Yxy(64.0607, 0.3051, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	F1C1FF
RGB	241, 193, 255
RGB Percent	95%, 76%, 100%
CMY	0.0549, 0.2431, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	286°, 100%, 88%
HSV	286°, 24%, 100%
XYZ	73.3944, 64.0607, 103.1033
YIQ	214.4200, 8.7060, 29.4580

Conversions

Conversions Part 2

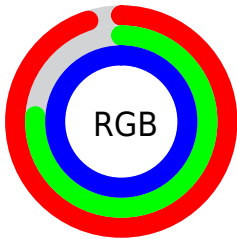
Format	Color
R_{YB}	241, 193, 255
Decimal	15843839
CIE _{Lab}	84.00, 27.69, -23.99
CIE _{LCh}	84, 36.638, 319.102
Yxy	64.0607, 0.3051, 0.2663
Android (android.graphics.Color)	4294033919 (0xFFFF1C1FF)
YUV	214.4200, 20.0059, 23.3107
Hunter-Lab	80.0379, 23.6172, -20.3497

Details

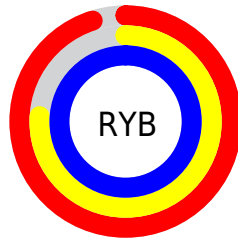
The Yxy color $64.0607, 0.3051, 0.2663$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.6372, 0.3181, 0.3965$, and the grayscale version is $67.4026, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $32.7328, 0.3024, 0.2526$ is the 20% darker color. If you saturate the color by 10%, you get $52.7463, 0.3009, 0.2394$, and if you desaturate by 10%, it is $77.3563, 0.3087, 0.2929$.

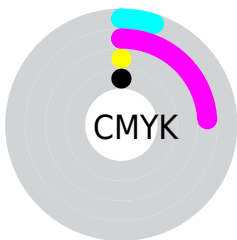
Distribution



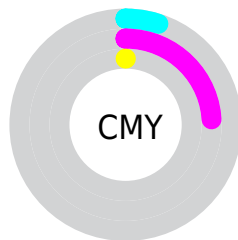
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0607, 0.3051, 0.2663 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 64.0607, 0.3051, 0.2663 by changing the saturation by 10% instead.

 64.0607, 0.3051,
0.2663

 64.0607, 0.3051,
0.2663


439.4088, 0.3092,
0.2945

 46.6998, 0.3040,
0.2601


 110.6983, 0.3066,
0.2759

 32.7984, 0.3026,
0.2525

140.7439, 0.3072,
0.2797

 21.9721, 0.3008,
0.2432


175.7865, 0.3077,
0.2829

 13.8364, 0.2982,
0.2312

216.2106, 0.3081,
0.2858

 8.0070, 0.2944,
0.2155

262.4004, 0.3084,
0.2884

 4.0994, 0.2884,
0.1941

314.7405, 0.3087,

 1.7293, 0.2782,

0.2906

0.1635

373.6151, 0.3090,
0.2926

0.4425, 0.2621,
0.1033

0.0000, 0.0445,
0.0000

64.0607, 0.3051,
0.2663

64.0607, 0.3051,
0.2663

52.7463, 0.3009,
0.2394

77.3563, 0.3087,
0.2929

43.3050, 0.2961,
0.2130

92.7177, 0.3116,
0.3184

35.6304, 0.2907,
0.1883

100.0000, 0.3127,
0.3290

29.6025, 0.2849,
0.1664

■ 25.0858, 0.2788,
0.1482

■ 21.9229, 0.2726,
0.1347

■ 19.9211, 0.2666,
0.1258

■ 19.1449, 0.2632,
0.1224

Harmonies

Analogous

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



64.0607, 0.2635, 0.2553



64.0607, 0.3051, 0.2663



64.0607, 0.3520, 0.2912

Triad

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



64.0607, 0.3051, 0.2663



64.0607, 0.3931, 0.3942



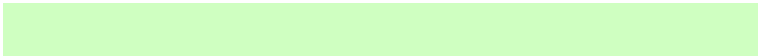
64.0607, 0.2407, 0.3256

Complementary

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



64.0607, 0.3051, 0.2663



88.6372, 0.3181, 0.3965

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.



64.0607, 0.2716, 0.3711



64.0607, 0.3051, 0.2663



64.0607, 0.3595, 0.4117

Square

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



64.0607, 0.3051, 0.2663



64.0607, 0.4048, 0.3620



64.0607, 0.3149, 0.4043



64.0607, 0.2285, 0.2855

Rectangle

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



64.0607, 0.3051, 0.2663



64.0607, 0.3791, 0.3132



64.0607, 0.3149, 0.4043



64.0607, 0.2491, 0.3409

Sweetspot

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



64.0634, 0.3051, 0.2663



88.3786, 0.3109, 0.3117



63.4131, 0.2723, 0.2764



18.7127, 0.3107, 0.3102



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.



64.0634, 0.3051, 0.2663



58.5167, 0.3032, 0.2537



65.6037, 0.3277, 0.2836



18.0813, 0.3102, 0.3053



10.0734, 0.2642, 0.1229



1.0291, 0.2709, 0.1266

Inverse Universe

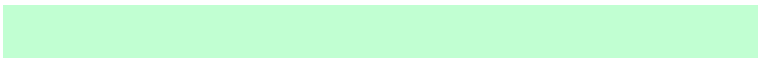
The Inverse Universe completely reimagines the original color for something new.



63.9085, 0.3524, 0.3147



58.3939, 0.3627, 0.3118



87.4885, 0.3005, 0.3792



18.0543, 0.3259, 0.3237



11.2847, 0.6008, 0.3084



1.1144, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 64.0607, 0.3051, 0.2663 looks on a white background.

Color Contrast Check

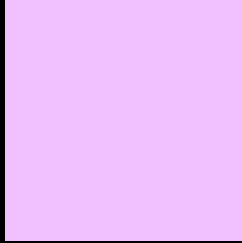
Large Text (above 18pt) WCAG AA × Fail

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 64.0607, 0.3051, 0.2663 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 64.0607, 0.3051, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 64.0607, 0.3051, 0.2663.

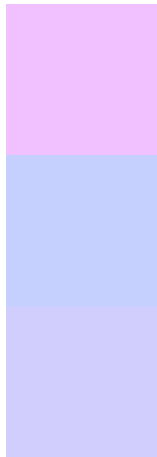


This preview shows how white text looks on a background with the Yxy color 64.0607, 0.3051, 0.2663.

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

64.0607, 0.3051, 0.2663

Protanopia

64.3375, 0.2755, 0.2774

Deuteranopia

64.3098, 0.2838, 0.2772



Tritanopia

63.9286, 0.3283, 0.3119

Trichromacy



Original Color

64.0607, 0.3051, 0.2663



Protanomaly

64.2280, 0.2859, 0.2735



Deuteranomaly

64.3012, 0.2913, 0.2731



Tritanomaly

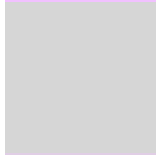
63.6502, 0.3198, 0.2942

Monochromacy



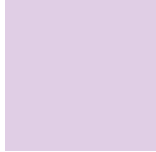
Original Color

64.0607, 0.3051, 0.2663



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.6470, 0.3102, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0607, 0.3051, 0.2663 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 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, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 64.0607, 0.3051, 0.2663 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, 193, 255) }
```

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

```
.border{ border-color:rgb(241, 193, 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, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0607, 0.3051, 0.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 255) }
```

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

```
.background{ background-color: rgb(241,  
193, 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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