

Converting Colors

$Yxy(65.7538, 0.3067, 0.2696)$

Have a look what the booklet for
Yxy(65.7538, 0.3067, 0.2696)
contains.

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Color

Yxy(65.7545, 0.3065, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	F3C4FF
RGB	243, 196, 255
RGB Percent	95%, 77%, 100%
CMY	0.0471, 0.2314, 0.0000
CMYK	0.05, 0.23, 0.00, 0.00
HSL	288°, 100%, 88%
HSV	288°, 23%, 100%
XYZ	74.7543, 65.7545, 103.3877
YIQ	216.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

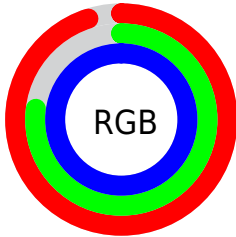
Format	Color
R_{YB}	243, 196, 255
Decimal	15975679
CIE _{Lab}	84.87, 26.74, -22.66
CIE _{LCh}	85, 35.054, 319.724
Yxy	65.7545, 0.3065, 0.2696
Android (android.graphics.Color)	4294165759 (0xFFFF3C4FF)
YUV	216.7790, 18.8430, 22.9958
Hunter-Lab	81.0891, 22.6492, -18.8317

Details

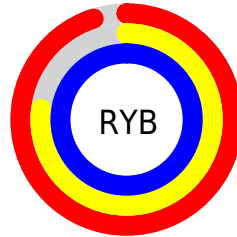
The Yxy color $65.7545, 0.3065, 0.2696$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $88.9170, 0.3171, 0.3930$, and the grayscale version is $69.0922, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $33.8623, 0.3043, 0.2569$ is the 20% darker color. If you saturate the color by 10%, you get $54.3020, 0.3029, 0.2429$, and if you desaturate by 10%, it is $79.1893, 0.3096, 0.2960$.

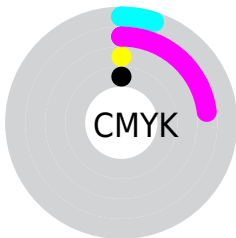
Distribution



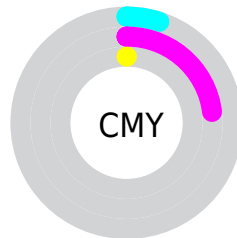
- Red (95%)
- Green (77%)
- Blue (100%)



- Red (95%)
- Yellow (77%)
- Blue (100%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7545, 0.3065, 0.2696 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 65.7545, 0.3065, 0.2696 by changing the saturation by 10% instead.


 65.7545, 0.3065,
0.2696

 65.7545, 0.3065,
0.2696


445.4984, 0.3099,
0.2962

 48.0731, 0.3056,
0.2637


113.1339, 0.3078,
0.2787

 33.8848, 0.3044,
0.2566

143.6007, 0.3083,
0.2822

 22.8051, 0.3029,
0.2477


179.0982, 0.3086,
0.2853

 14.4497, 0.3007,
0.2365

220.0106, 0.3090,
0.2881

 8.4341, 0.2975,
0.2216

266.7225, 0.3093,
0.2905

 4.3739, 0.2925,
0.2014

319.6181, 0.3095,

 1.8849, 0.2838,

0.2926

0.1723

379.0820, 0.3097,
0.2945

0.5393, 0.2690,
0.1200

0.0000, 0.1049,
0.0000

65.7545, 0.3065,
0.2696

65.7545, 0.3065,
0.2696

54.3020, 0.3029,
0.2429

79.1893, 0.3096,
0.2960

44.7308, 0.2987,
0.2167

94.6964, 0.3120,
0.3213

36.9340, 0.2941,
0.1922

100.0000, 0.3127,
0.3290

30.7930, 0.2889,
0.1703

■ 26.1743, 0.2835,
0.1521

■ 22.9239, 0.2780,
0.1385

■ 20.8543, 0.2725,
0.1295

■ 19.9314, 0.2689,
0.1255

Harmonies

Analogous

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



65.7545, 0.2666, 0.2588



65.7545, 0.3065, 0.2696



65.7545, 0.3509, 0.2936

Triad

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



65.7545, 0.3065, 0.2696



65.7545, 0.3886, 0.3917



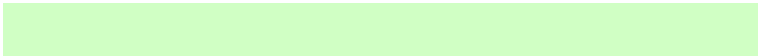
65.7545, 0.2438, 0.3250

Complementary

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



65.7545, 0.3065, 0.2696



88.9170, 0.3171, 0.3930

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.



65.7545, 0.2730, 0.3680



65.7545, 0.3065, 0.2696



65.7545, 0.3565, 0.4075

Square

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



65.7545, 0.3065, 0.2696



65.7545, 0.4001, 0.3614



65.7545, 0.3140, 0.3997



65.7545, 0.2325, 0.2872

Rectangle

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



65.7545, 0.3065, 0.2696



65.7545, 0.3763, 0.3148



65.7545, 0.3140, 0.3997



65.7545, 0.2517, 0.3395

Sweetspot

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



65.7551, 0.3065, 0.2696



88.4528, 0.3111, 0.3117



64.4523, 0.2743, 0.2782



18.7300, 0.3110, 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.



65.7551, 0.3065, 0.2696



59.9426, 0.3048, 0.2566



66.9313, 0.3276, 0.2868



18.1028, 0.3105, 0.3053



10.4798, 0.2697, 0.1260



1.0653, 0.2759, 0.1293

Inverse Universe

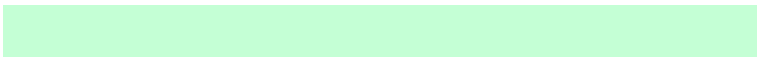
The Inverse Universe completely reimagines the original color for something new.



65.2961, 0.3511, 0.3168



59.4583, 0.3618, 0.3140



88.0461, 0.3005, 0.3753



18.0475, 0.3262, 0.3242



11.2548, 0.6071, 0.3118



1.1106, 0.5771, 0.2953

Previews

White Background



This preview shows how the Yxy color 65.7545, 0.3065, 0.2696 looks on a white background.

Color Contrast Check

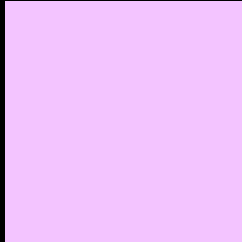
Large Text (above 18pt) WCAG AA × Fail

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 65.7545, 0.3065, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

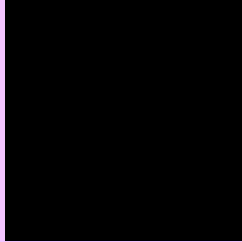
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7545, 0.3065, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 65.7545, 0.3065, 0.2696.



This preview shows how white text looks on a background with the Yxy color 65.7545, 0.3065, 0.2696.

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

65.7545, 0.3065, 0.2696

Protanopia

65.8697, 0.2783, 0.2801

Deuteranopia

65.8636, 0.2866, 0.2798



Tritanopia

65.9510, 0.3289, 0.3131

Trichromacy



Original Color

65.7545, 0.3065, 0.2696



Protanomaly

65.6344, 0.2880, 0.2760



Deuteranomaly

65.7149, 0.2935, 0.2756



Tritanomaly

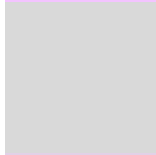
65.6033, 0.3211, 0.2967

Monochromacy



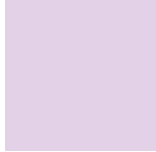
Original Color

65.7545, 0.3065, 0.2696



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.5392, 0.3101, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7545, 0.3065, 0.2696 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(243, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 196, 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(243, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.7545, 0.3065, 0.2696 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(243, 196, 255) }
```

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

```
.border{ border-color:rgb(243, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7545, 0.3065, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 196, 255) }
```

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

```
.background{ background-color: rgb(243,  
196, 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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