

Converting Colors

$Y_{xy}(69.5333, 0.3067, 0.2778)$

Have a look what the booklet for
Yxy(69.5333, 0.3067, 0.2778)
contains.

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Color

Yxy(69.4604, 0.3064, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	F3CCFF
RGB	243, 204, 255
RGB Percent	95%, 80%, 100%
CMY	0.0469, 0.2000, 0.0000
CMYK	0.05, 0.20, 0.00, 0.00
HSL	286°, 100%, 90%
HSV	286°, 20%, 100%
XYZ	76.6115, 69.4604, 103.9656
YIQ	221.4750, 6.8730, 24.1290

Conversions

Conversions Part 2

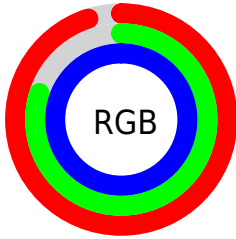
Format	Color
RYB	243, 204, 255
Decimal	15977727
CIELab	86.73, 22.52, -19.82
CIELCh	87, 29.996, 318.644
Yxy	69.4604, 0.3064, 0.2778
Android (android.graphics.Color)	4294167807 (0xFFFF3CCFF)
YUV	221.4750, 16.5278, 18.8774
Hunter-Lab	83.3429, 18.2328, -15.6209

Details

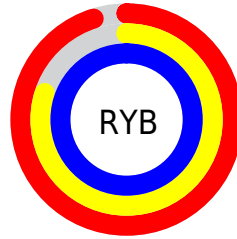
The Yxy color **69.4604, 0.3064, 0.2778** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.4626, 0.3175, 0.3832**, and the grayscale version is **72.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3290, 0.3042, 0.2672** is the 20% darker color. If you saturate the color by 10%, you get **57.2722, 0.3023, 0.2509**, and if you desaturate by 10%, it is **83.6734, 0.3099, 0.3040**.

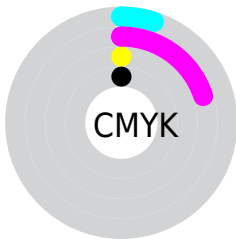
Distribution



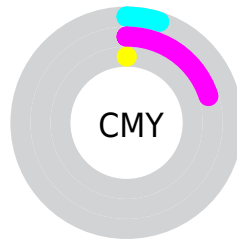
- Red (95%)
- Green (80%)
- Blue (100%)



- Red (95%)
- Yellow (80%)
- Blue (100%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4604, 0.3064, 0.2778 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 69.4604, 0.3064, 0.2778 by changing the saturation by 10% instead.

 69.4604, 0.3064,
0.2778

 69.4604, 0.3064,
0.2778


458.6531, 0.3097,
0.3007

 51.0868, 0.3056,
0.2728


118.4389, 0.3076,
0.2856

 36.2777, 0.3045,
0.2666


149.8126, 0.3081,
0.2887

 24.6487, 0.3031,
0.2590


186.2884, 0.3084,
0.2913

 15.8155, 0.3012,
0.2493

228.2507, 0.3088,
0.2937

 9.3937, 0.2984,
0.2364

276.0839, 0.3091,
0.2958

 4.9989, 0.2941,
0.2189

330.1725, 0.3093,

 2.2466, 0.2868,

0.2976

0.1935

390.9007, 0.3095,
0.2992

0.7452, 0.2730,
0.1529

0.0000, 0.1718,
0.0000

69.4604, 0.3064,
0.2778

69.4604, 0.3064,
0.2778

57.2722, 0.3023,
0.2509

83.6734, 0.3099,
0.3040

47.0030, 0.2975,
0.2240

99.9924, 0.3127,
0.3290

38.5510, 0.2921,
0.1983

99.9992, 0.3127,
0.3290

31.8013, 0.2862,
0.1749

■ 26.6256, 0.2800,
0.1548

■ 22.8769, 0.2736,
0.1390

■ 20.3804, 0.2672,
0.1280

■ 18.8500, 0.2611,
0.1212

■ 18.8498, 0.2611,
0.1212

Harmonies

Analogous

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



69.4604, 0.2728, 0.2692



69.4604, 0.3064, 0.2778



69.4604, 0.3437, 0.2981

Triad

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



69.4604, 0.3064, 0.2778



69.4604, 0.3774, 0.3816



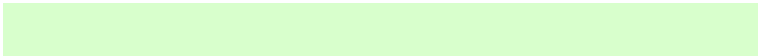
69.4604, 0.2550, 0.3274

Complementary

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



69.4604, 0.3064, 0.2778



90.4626, 0.3175, 0.3832

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.



69.4604, 0.2805, 0.3627



69.4604, 0.3064, 0.2778



69.4604, 0.3512, 0.3946

Square

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



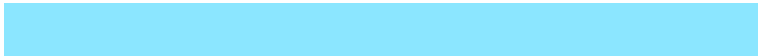
69.4604, 0.3064, 0.2778



69.4604, 0.3860, 0.3561



69.4604, 0.3156, 0.3883



69.4604, 0.2446, 0.2952

Rectangle

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



69.4604, 0.3064, 0.2778



69.4604, 0.3651, 0.3162



69.4604, 0.3156, 0.3883



69.4604, 0.2620, 0.3394

Sweetspot

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



69.4634, 0.3064, 0.2778



89.9498, 0.3111, 0.3142



69.5494, 0.2801, 0.2878



19.0288, 0.3109, 0.3126



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.



69.4634, 0.3064, 0.2778



64.3545, 0.3048, 0.2671



70.8663, 0.3240, 0.2911



18.0732, 0.3100, 0.3053



9.9219, 0.2621, 0.1217



1.0155, 0.2691, 0.1256

Inverse Universe

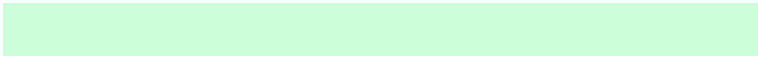
The Inverse Universe completely reimagines the original color for something new.



69.3963, 0.3435, 0.3169



64.3159, 0.3514, 0.3143



89.3452, 0.3031, 0.3702



18.0568, 0.3257, 0.3234



11.2970, 0.5983, 0.3070



1.1160, 0.5673, 0.2899

Previews

White Background



This preview shows how the Yxy color 69.4604, 0.3064, 0.2778 looks on a white background.

Color Contrast Check

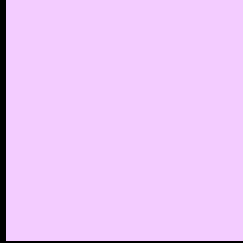
Large Text (above 18pt) WCAG AA × Fail

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 69.4604, 0.3064, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

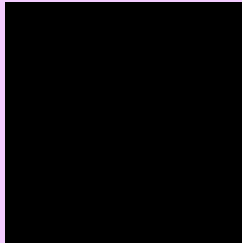
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

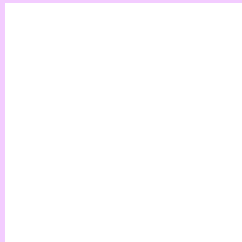
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4604, 0.3064, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 69.4604, 0.3064, 0.2778.

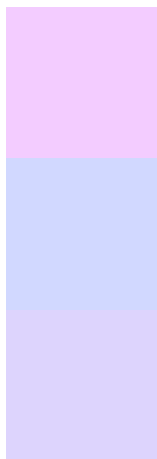


This preview shows how white text looks on a background with the Yxy color 69.4604, 0.3064, 0.2778.

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

69.4604, 0.3064, 0.2778

Protanopia

69.8870, 0.2832, 0.2873

Deuteranopia

69.5510, 0.2923, 0.2859



Tritanopia

69.4426, 0.3233, 0.3112

Trichromacy



Original Color

69.4604, 0.3064, 0.2778

Protanomaly

69.6791, 0.2910, 0.2840

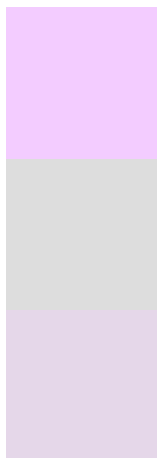
Deuteranomaly

69.4147, 0.2971, 0.2825

Tritanomaly

69.2653, 0.3164, 0.2980

Monochromacy



Original Color

69.4604, 0.3064, 0.2778

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.1421, 0.3107, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4604, 0.3064, 0.2778 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 204, 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, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.4604, 0.3064, 0.2778 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, 204, 255) }
```

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

```
.border{ border-color:rgb(243, 204, 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, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4604, 0.3064, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 204, 255) }
```

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

```
.background{ background-color: rgb(243,  
204, 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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