

Converting Colors

Yxy(69.2624, 0.2987, 0.2648)

Have a look what the booklet for
Yxy(69.2624, 0.2987, 0.2648)
contains.

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Color

Yxy(68.5157, 0.3064, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	F3CAFF
RGB	243, 202, 255
RGB Percent	95%, 79%, 100%
CMY	0.0472, 0.2077, 0.0001
CMYK	0.05, 0.21, 0.00, 0.00
HSL	286°, 100%, 90%
HSV	286°, 21%, 100%
XYZ	76.1175, 68.5157, 103.7921
YIQ	220.3010, 7.4230, 25.1750

Conversions

Conversions Part 2

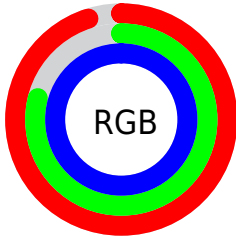
Format	Color
R _Y B	243, 202, 255
Decimal	15977215
CIE Lab	86.26, 23.53, -20.52
CIE LCh	86, 31.218, 318.914
Yxy	68.5157, 0.3064, 0.2758
Android (android.graphics.Color)	4294167295 (0xFFFF3CAFF)
YUV	220.3010, 17.1066, 19.9070
Hunter-Lab	82.7742, 19.2902, -16.4029

Details

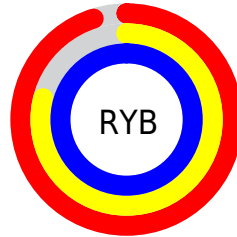
The Yxy color $68.5157, 0.3064, 0.2758$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.0657, 0.3175, 0.3856$, and the grayscale version is $71.6645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.6961, 0.3042, 0.2646$ is the 20% darker color. If you saturate the color by 10%, you get $56.5115, 0.3024, 0.2489$, and if you desaturate by 10%, it is $82.5349, 0.3098, 0.3021$.

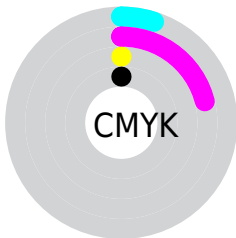
Distribution



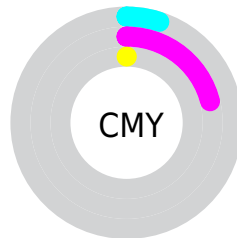
- Red (95%)
- Green (79%)
- Blue (100%)



- Red (95%)
- Yellow (79%)
- Blue (100%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5157, 0.3064, 0.2758 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 68.5157, 0.3064, 0.2758 by changing the saturation by 10% instead.

 68.5157, 0.3064,
0.2758

 68.5157, 0.3064,
0.2758


455.3210, 0.3097,
0.2996

 50.3174, 0.3055,
0.2706


117.0896, 0.3076,
0.2839

 35.6657, 0.3045,
0.2642

148.2340, 0.3081,
0.2871

 24.1761, 0.3030,
0.2562


184.4625, 0.3085,
0.2899

 15.4643, 0.3010,
0.2461

226.1595, 0.3088,
0.2923

 9.1459, 0.2981,
0.2328

273.7095, 0.3091,
0.2945

 4.8365, 0.2936,
0.2146


327.4968, 0.3093,


 2.1516, 0.2860,


0.2964


0.1883


387.9059, 0.3095,
0.2981

 0.6934, 0.2719,
0.1453


 0.0000, 0.1555,
0.0000

 68.5157, 0.3064,
0.2758


 68.5157, 0.3064,
0.2758


 56.5115, 0.3024,
0.2489


 82.5349, 0.3098,
0.3021

 46.4162, 0.2978,
0.2222

 98.6508, 0.3125,
0.3271

 38.1271, 0.2926,
0.1968

 99.9979, 0.3127,
0.3290

 31.5286, 0.2869,
0.1737

■ 26.4912, 0.2808,
0.1541

■ 22.8664, 0.2746,
0.1388

■ 20.4764, 0.2685,
0.1283

■ 19.1070, 0.2630,
0.1222

Harmonies

Analogous

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



68.5157, 0.2713, 0.2667



68.5157, 0.3064, 0.2758



68.5157, 0.3454, 0.2970

Triad

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



68.5157, 0.3064, 0.2758



68.5157, 0.3801, 0.3840



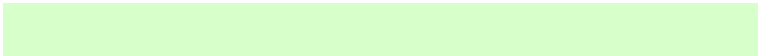
68.5157, 0.2523, 0.3269

Complementary

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



68.5157, 0.3064, 0.2758



90.0657, 0.3175, 0.3856

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.



68.5157, 0.2787, 0.3640



68.5157, 0.3064, 0.2758



68.5157, 0.3525, 0.3977

Square

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



68.5157, 0.3064, 0.2758



68.5157, 0.3894, 0.3574



68.5157, 0.3152, 0.3910



68.5157, 0.2416, 0.2933

Rectangle

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



68.5157, 0.3064, 0.2758



68.5157, 0.3677, 0.3159



68.5157, 0.3152, 0.3910



68.5157, 0.2596, 0.3395

Sweetspot

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



68.5186, 0.3064, 0.2758



89.9715, 0.3112, 0.3142



68.0632, 0.2787, 0.2850



19.0340, 0.3110, 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.



68.5186, 0.3064, 0.2758



63.2109, 0.3048, 0.2644



69.8489, 0.3252, 0.2904



18.0804, 0.3101, 0.3053



10.0567, 0.2640, 0.1228



1.0276, 0.2707, 0.1265

Inverse Universe

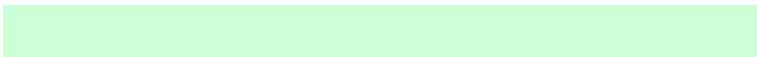
The Inverse Universe completely reimagines the original color for something new.



68.3637, 0.3453, 0.3168



63.0728, 0.3538, 0.3142



89.0246, 0.3022, 0.3710



18.0545, 0.3258, 0.3236



11.2860, 0.6006, 0.3082



1.1146, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 68.5157, 0.3064, 0.2758 looks on a white background.

Color Contrast Check

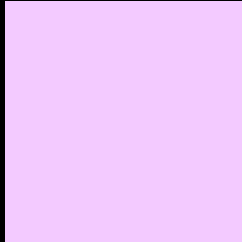
Large Text (above 18pt) WCAG AA × Fail

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 68.5157, 0.3064, 0.2758 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 68.5157, 0.3064, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 68.5157, 0.3064, 0.2758.



This preview shows how white text looks on a background with the Yxy color 68.5157, 0.3064, 0.2758.

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

68.5157, 0.3064, 0.2758

Protanopia

68.5785, 0.2818, 0.2849

Deuteranopia

68.7404, 0.2909, 0.2847



Tritanopia

68.6707, 0.3240, 0.3122

Trichromacy



Original Color

68.5157, 0.3064, 0.2758

Protanomaly

68.5288, 0.2903, 0.2817

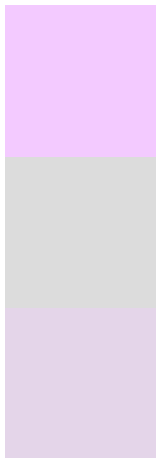
Deuteranomaly

68.7615, 0.2964, 0.2813

Tritanomaly

68.6660, 0.3179, 0.2990

Monochromacy



Original Color

68.5157, 0.3064, 0.2758

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

69.9657, 0.3101, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5157, 0.3064, 0.2758 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 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, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.5157, 0.3064, 0.2758 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, 202, 255) }
```

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

```
.border{ border-color:rgb(243, 202, 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, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5157, 0.3064, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 255) }
```

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

```
.background{ background-color: rgb(243,  
202, 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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