

Converting Colors

$Y_{xy}(67.5018, 0.3225, 0.2806)$

Have a look what the booklet for
Yxy(67.5018, 0.3225, 0.2806)
contains.

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Color

Yxy(67.3324, 0.3226, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4F5
RGB	255, 196, 245
RGB Percent	100%, 77%, 96%
CMY	0.0000, 0.2314, 0.0391
CMYK	0.00, 0.23, 0.04, 0.00
HSL	310°, 100%, 88%
HSV	310°, 23%, 100%
XYZ	77.4659, 67.3324, 95.3315
YIQ	219.2270, 19.4350, 27.7470

Conversions

Conversions Part 2

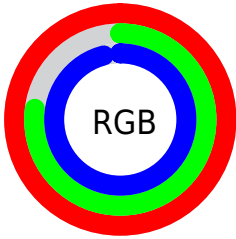
Format	Color
R _Y B	255, 196, 245
Decimal	16762101
CIE Lab	85.67, 28.81, -16.04
CIE LCh	86, 32.971, 330.896
Yxy	67.3324, 0.3226, 0.2804
Android (android.graphics.Color)	4294952181 (0xFFFFC4F5)
YUV	219.2270, 12.7061, 31.3729
Hunter-Lab	82.0563, 24.9157, -11.4426

Details

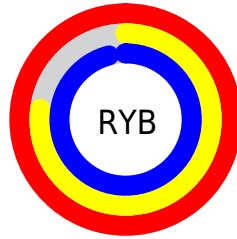
The Yxy color $67.3324, 0.3226, 0.2804$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.7102, 0.3042, 0.3830$, and the grayscale version is $70.9069, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $35.0259, 0.3246, 0.2697$ is the 20% darker color. If you saturate the color by 10%, you get $56.5327, 0.3278, 0.2590$, and if you desaturate by 10%, it is $80.0989, 0.3179, 0.3018$.

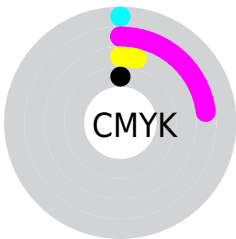
Distribution



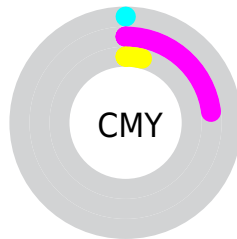
- Red (100%)
- Green (77%)
- Blue (96%)



- Red (100%)
- Yellow (77%)
- Blue (96%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3324, 0.3226, 0.2804 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 67.3324, 0.3226, 0.2804 by changing the saturation by 10% instead.


 67.3324, 0.3226,
0.2804

 67.3324, 0.3226,
0.2804

451.1270, 0.3184,
0.3022

 49.3548, 0.3235,
0.2756

115.3966, 0.3212,
0.2879

 34.9010, 0.3245,
0.2697


146.2520, 0.3206,
0.2908

 23.5866, 0.3258,
0.2623


182.1687, 0.3202,
0.2933

 15.0273, 0.3273,
0.2529

223.5312, 0.3197,
0.2956

 8.8385, 0.3292,
0.2405

270.7239, 0.3193,
0.2975

 4.6360, 0.3316,
0.2233

324.1312, 0.3190,

 2.0353, 0.3346,

0.2993

0.1982

384.1374, 0.3187,
0.3008

0.6279, 0.3395,
0.1536

0.0000, 0.2925,
0.0000

67.3324, 0.3226,
0.2804

67.3324, 0.3226,
0.2804

56.5327, 0.3278,
0.2590

80.0989, 0.3179,
0.3018

47.5923, 0.3336,
0.2385

94.9154, 0.3139,
0.3226

40.4066, 0.3399,
0.2198

100.0000, 0.3127,
0.3290

34.8572, 0.3464,
0.2039

■ 30.8108, 0.3531,
0.1918

■ 28.1136, 0.3596,
0.1841

■ 26.5783, 0.3658,
0.1810

■ 26.0112, 0.3699,
0.1811

Harmonies

Analogous

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



67.3324, 0.2824, 0.2652



67.3324, 0.3226, 0.2804



67.3324, 0.3623, 0.3067

Triad

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



67.3324, 0.3226, 0.2804



67.3324, 0.3744, 0.3953



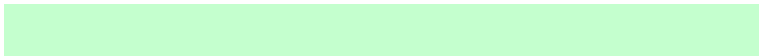
67.3324, 0.2421, 0.3112

Complementary

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



67.3324, 0.3226, 0.2804



87.7102, 0.3042, 0.3830

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.



67.3324, 0.2637, 0.3509



67.3324, 0.3226, 0.2804



67.3324, 0.3396, 0.4021

Square

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



67.3324, 0.3226, 0.2804



67.3324, 0.3930, 0.3712



67.3324, 0.2991, 0.3859



67.3324, 0.2382, 0.2802

Rectangle

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



67.3324, 0.3226, 0.2804



67.3324, 0.3821, 0.3279



67.3324, 0.2991, 0.3859



67.3324, 0.2474, 0.3240

Sweetspot

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



67.3353, 0.3226, 0.2804



88.9427, 0.3154, 0.3147



59.7983, 0.2799, 0.2648



18.8438, 0.3156, 0.3134



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.



67.3353, 0.3226, 0.2804



61.8429, 0.3251, 0.2700



65.6809, 0.3450, 0.3090



18.2446, 0.3164, 0.3095



13.6109, 0.3689, 0.1806



1.3386, 0.3625, 0.1771

Inverse Universe

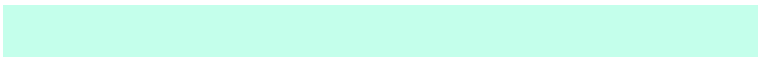
The Inverse Universe completely reimagines the original color for something new.



67.3353, 0.3226, 0.2804



61.8429, 0.3251, 0.2700



89.2733, 0.2885, 0.3500



18.2446, 0.3164, 0.3095



13.6109, 0.3689, 0.1806



1.3386, 0.3625, 0.1771

Previews

White Background



This preview shows how the Yxy color 67.3324, 0.3226, 0.2804 looks on a white background.

Color Contrast Check

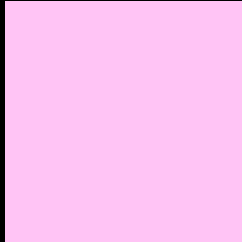
Large Text (above 18pt) WCAG AA × Fail

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 67.3324, 0.3226, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

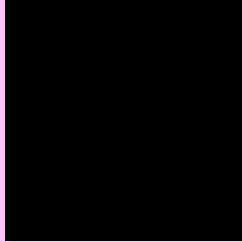
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3324, 0.3226, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 67.3324, 0.3226, 0.2804.



This preview shows how white text looks on a background with the Yxy color 67.3324, 0.3226, 0.2804.

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

67.3324, 0.3226, 0.2804

Protanopia

67.9303, 0.2811, 0.2838

Deuteranopia

67.6016, 0.2993, 0.2928



Tritanopia

67.2923, 0.3400, 0.3126

Trichromacy



Original Color

67.3324, 0.3226, 0.2804



Protanomaly

67.4380, 0.2955, 0.2828



Deuteranomaly

67.2098, 0.3073, 0.2874



Tritanomaly

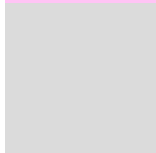
67.0883, 0.3335, 0.3005

Monochromacy



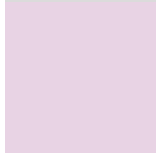
Original Color

67.3324, 0.3226, 0.2804



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.3458, 0.3165, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3324, 0.3226, 0.2804 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(255, 196, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 245)  
}
```

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(255, 196, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 245) }
```

Border

The CSS property to change the border of an element to Yxy 67.3324, 0.3226, 0.2804 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(255, 196, 245) }
```

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

```
.border{ border-color:rgb(255, 196, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 245); box-shadow:4px 4px 4px 4px rgb(255, 196, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3324, 0.3226, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 245) }
```

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

```
.background{ background-color: rgb(255,  
196, 245) }
```

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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