

Converting Colors

$Y_{xy}(67.3189, 0.3234, 0.2815)$

Have a look what the booklet for
Yxy(67.3189, 0.3234, 0.2815)
contains.

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Color

Yxy(67.2715, 0.3234, 0.2814)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4F4
RGB	255, 196, 244
RGB Percent	100%, 77%, 96%
CMY	0.0000, 0.2314, 0.0432
CMYK	0.00, 0.23, 0.04, 0.00
HSL	311°, 100%, 88%
HSV	311°, 23%, 100%
XYZ	77.3120, 67.2715, 94.4765
YIQ	219.1130, 19.7560, 27.4360

Conversions

Conversions Part 2

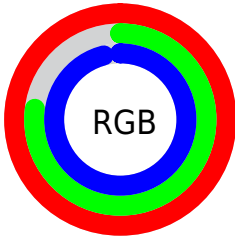
Format	Color
R _Y B	255, 196, 244
Decimal	16762100
CIE Lab	85.64, 28.63, -15.52
CIE LCh	86, 32.565, 331.545
Yxy	67.2715, 0.3234, 0.2814
Android (android.graphics.Color)	4294952180 (0xFFFFC4F4)
YUV	219.1130, 12.2693, 31.4729
Hunter-Lab	82.0192, 24.7221, -10.8817

Details

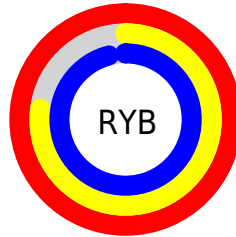
The Yxy color **67.2715, 0.3234, 0.2814** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7620, 0.3036, 0.3818**, and the grayscale version is **70.8209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **34.9826, 0.3255, 0.2709** is the 20% darker color. If you saturate the color by 10%, you get **56.4416, 0.3291, 0.2604**, and if you desaturate by 10%, it is **80.0606, 0.3183, 0.3024**.

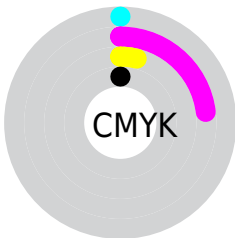
Distribution



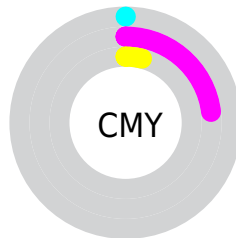
- Red (100%)
- Green (77%)
- Blue (96%)



- 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 67.2715, 0.3234, 0.2814 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 67.2715, 0.3234, 0.2814 by changing the saturation by 10% instead.


 67.2715, 0.3234,
0.2814

 67.2715, 0.3234,
0.2814

450.9106, 0.3188,
0.3028

 49.3053, 0.3244,
0.2767


115.3094, 0.3219,
0.2887

 34.8617, 0.3255,
0.2709


146.1498, 0.3213,
0.2916

 23.5564, 0.3270,
0.2636

182.0505, 0.3207,
0.2941

 15.0049, 0.3287,
0.2544

223.3957, 0.3202,
0.2963

 8.8228, 0.3309,
0.2422

270.5699, 0.3198,
0.2982

 4.6258, 0.3337,
0.2252

323.9576, 0.3194,

 2.0294, 0.3373,

0.2999

0.2004

383.9430, 0.3191,
0.3014

0.6245, 0.3437,
0.1558

0.0000, 0.3005,
0.0000

67.2715, 0.3234,
0.2814

67.2715, 0.3234,
0.2814

56.4416, 0.3291,
0.2604

80.0606, 0.3183,
0.3024

47.4768, 0.3354,
0.2403

94.9055, 0.3140,
0.3228

40.2681, 0.3423,
0.2218

100.0000, 0.3127,
0.3290

34.6969, 0.3495,
0.2062

■ 30.6301, 0.3569,
0.1943

■ 27.9137, 0.3642,
0.1868

■ 26.3606, 0.3713,
0.1841

■ 25.7820, 0.3759,
0.1844

Harmonies

Analogous

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



67.2715, 0.2836, 0.2661



67.2715, 0.3234, 0.2814



67.2715, 0.3625, 0.3076

Triad

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



67.2715, 0.3234, 0.2814



67.2715, 0.3730, 0.3949



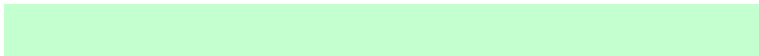
67.2715, 0.2426, 0.3106

Complementary

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



67.2715, 0.3234, 0.2814



87.7620, 0.3036, 0.3818

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.



67.2715, 0.2637, 0.3497



67.2715, 0.3234, 0.2814



67.2715, 0.3385, 0.4011

Square

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



67.2715, 0.3234, 0.2814



67.2715, 0.3918, 0.3714



67.2715, 0.2984, 0.3845



67.2715, 0.2391, 0.2803

Rectangle

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



67.2715, 0.3234, 0.2814



67.2715, 0.3818, 0.3287



67.2715, 0.2984, 0.3845



67.2715, 0.2478, 0.3232

Sweetspot

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



67.2699, 0.3234, 0.2814



88.9223, 0.3156, 0.3150



59.9388, 0.2805, 0.2649



18.8390, 0.3158, 0.3138



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.



67.2699, 0.3234, 0.2814



61.7652, 0.3261, 0.2712



65.6298, 0.3458, 0.3100



18.2387, 0.3167, 0.3099



13.4926, 0.3748, 0.1838



1.3281, 0.3675, 0.1798

Inverse Universe

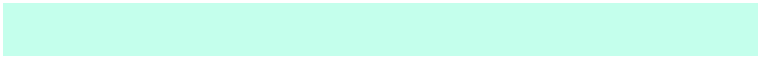
The Inverse Universe completely reimagines the original color for something new.



67.2699, 0.3234, 0.2814



61.7652, 0.3261, 0.2712



89.3303, 0.2879, 0.3490



18.2387, 0.3167, 0.3099



13.4926, 0.3748, 0.1838



1.3281, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 67.2715, 0.3234, 0.2814 looks on a white background.

Color Contrast Check

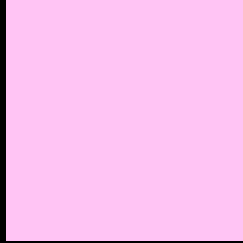
Large Text (above 18pt) WCAG AA × Fail

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 67.2715, 0.3234, 0.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

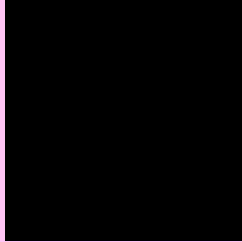
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2715, 0.3234, 0.2814

Background



This preview shows how black text looks on a background with the Yxy color 67.2715, 0.3234, 0.2814.



This preview shows how white text looks on a background with the Yxy color 67.2715, 0.3234, 0.2814.

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

67.2715, 0.3234, 0.2814

Protanopia

67.9303, 0.2811, 0.2838

Deuteranopia

67.5413, 0.2999, 0.2938



Tritanopia

67.2404, 0.3408, 0.3136

Trichromacy



Original Color

67.2715, 0.3234, 0.2814



Protanomaly

67.4380, 0.2955, 0.2828



Deuteranomaly

67.1492, 0.3080, 0.2884



Tritanomaly

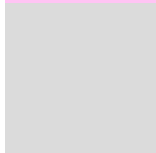
67.0333, 0.3342, 0.3015

Monochromacy



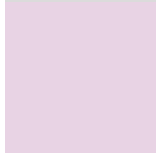
Original Color

67.2715, 0.3234, 0.2814



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 67.2715, 0.3234, 0.2814 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 244) }
```

Border

The CSS property to change the border of an element to Yxy 67.2715, 0.3234, 0.2814 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, 244) }
```

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

```
.border{ border-color:rgb(255, 196, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2715, 0.3234, 0.2814 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
196, 244) }
```

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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