

Converting Colors

$Y_{xy}(65.0559, 0.3240, 0.2768)$

Have a look what the booklet for
Yxy(65.0559, 0.3240, 0.2768)
contains.

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Color

Yxy(65.0533, 0.3237, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFF4
RGB	255, 191, 244
RGB Percent	100%, 75%, 96%
CMY	0.0002, 0.2509, 0.0432
CMYK	0.00, 0.25, 0.04, 0.00
HSL	310°, 100%, 87%
HSV	310°, 25%, 100%
XYZ	76.1858, 65.0533, 94.1202
YIQ	216.1780, 21.1310, 30.0510

Conversions

Conversions Part 2

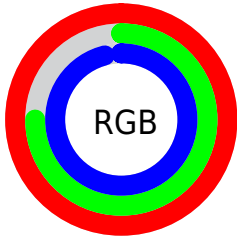
Format	Color
R _Y B	255, 191, 244
Decimal	16760820
CIE Lab	84.51, 31.22, -17.22
CIE LCh	85, 35.658, 331.117
Yxy	65.0533, 0.3237, 0.2764
Android (android.graphics.Color)	4294950900 (0xFFFFBFF4)
YUV	216.1780, 13.7162, 34.0469
Hunter-Lab	80.6556, 27.4604, -12.7289

Details

The Yxy color $65.0533, 0.3237, 0.2764$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.8349, 0.3034, 0.3880$, and the grayscale version is $68.6912, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $33.5279, 0.3260, 0.2646$ is the 20% darker color. If you saturate the color by 10%, you get $54.6226, 0.3291, 0.2552$, and if you desaturate by 10%, it is $77.4316, 0.3189, 0.2978$.

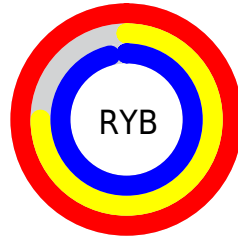
Distribution



Red (100%)

Green (75%)

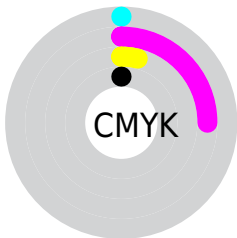
Blue (96%)



Red (100%)

Yellow (75%)

Blue (96%)

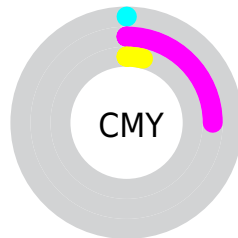


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0533, 0.3237, 0.2764 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 65.0533, 0.3237, 0.2764 by changing the saturation by 10% instead.


 65.0533, 0.3237,
0.2764

 65.0533, 0.3237,
0.2764

442.9835, 0.3190,
0.3001

 47.5043, 0.3247,
0.2711


 112.1265, 0.3221,
0.2845

 33.4345, 0.3258,
0.2647


142.4195, 0.3215,
0.2877

 22.4595, 0.3272,
0.2568


177.7292, 0.3210,
0.2904

 14.1949, 0.3289,
0.2465

218.4401, 0.3205,
0.2928

 8.2564, 0.3311,
0.2330

264.9366, 0.3201,
0.2950

 4.2594, 0.3337,
0.2143

317.6031, 0.3197,

 1.8197, 0.3368,

0.2969

0.1870

376.8239, 0.3193,
0.2986

0.4994, 0.3444,
0.1321

0.0000, 0.2539,
0.0000

65.0533, 0.3237,
0.2764

65.0533, 0.3237,
0.2764

54.6226, 0.3291,
0.2552

77.4316, 0.3189,
0.2978

46.0306, 0.3351,
0.2350

91.8418, 0.3146,
0.3187

39.1708, 0.3415,
0.2168

99.9914, 0.3127,
0.3290

33.9222, 0.3482,
0.2016

■ 30.1483, 0.3549,
0.1903

■ 27.6901, 0.3615,
0.1835

■ 26.3515, 0.3678,
0.1814

■ 25.9658, 0.3708,
0.1816

Harmonies

Analogous

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



65.0533, 0.2798, 0.2598



65.0533, 0.3237, 0.2764



65.0533, 0.3673, 0.3048

Triad

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



65.0533, 0.3237, 0.2764



65.0533, 0.3797, 0.4014



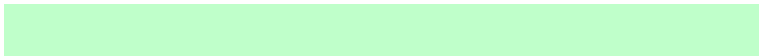
65.0533, 0.2358, 0.3089

Complementary

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



65.0533, 0.3237, 0.2764



86.8349, 0.3034, 0.3880

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.



65.0533, 0.2590, 0.3525



65.0533, 0.3237, 0.2764



65.0533, 0.3415, 0.4093

Square

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



65.0533, 0.3237, 0.2764



65.0533, 0.4004, 0.3748



65.0533, 0.2973, 0.3914



65.0533, 0.2318, 0.2754

Rectangle

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



65.0533, 0.3237, 0.2764



65.0533, 0.3890, 0.3278



65.0533, 0.2973, 0.3914



65.0533, 0.2415, 0.3229

Sweetspot

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



65.0562, 0.3237, 0.2764



87.4445, 0.3158, 0.3127



57.0031, 0.2767, 0.2587



18.2437, 0.3164, 0.3095



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.



65.0562, 0.3237, 0.2764



59.7037, 0.3263, 0.2659



63.2956, 0.3484, 0.3072



18.2437, 0.3164, 0.3095



13.5929, 0.3698, 0.1811



1.3370, 0.3633, 0.1775

Inverse Universe

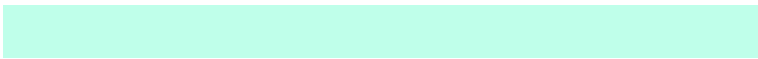
The Inverse Universe completely reimagines the original color for something new.



65.0562, 0.3237, 0.2764



59.7037, 0.3263, 0.2659



88.4911, 0.2866, 0.3520



18.2437, 0.3164, 0.3095



13.5929, 0.3698, 0.1811



1.3370, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 65.0533, 0.3237, 0.2764 looks on a white background.

Color Contrast Check

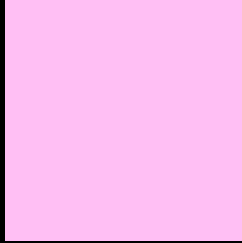
Large Text (above 18pt) WCAG AA × Fail

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 65.0533, 0.3237, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

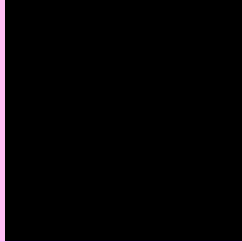
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0533, 0.3237, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 65.0533, 0.3237, 0.2764.



This preview shows how white text looks on a background with the Yxy color 65.0533, 0.3237, 0.2764.

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

65.0533, 0.3237, 0.2764

Protanopia

65.2384, 0.2776, 0.2789

Deuteranopia

65.3989, 0.2977, 0.2912



Tritanopia

65.1952, 0.3445, 0.3136

Trichromacy



Original Color

65.0533, 0.3237, 0.2764



Protanomaly

64.5782, 0.2933, 0.2771



Deuteranomaly

65.1730, 0.3065, 0.2859



Tritanomaly

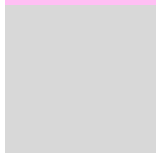
65.1075, 0.3362, 0.2994

Monochromacy



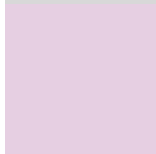
Original Color

65.0533, 0.3237, 0.2764



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

66.9396, 0.3167, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0533, 0.3237, 0.2764 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, 191, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 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, 191, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 244) }
```

Border

The CSS property to change the border of an element to Yxy 65.0533, 0.3237, 0.2764 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, 191, 244) }
```

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

```
.border{ border-color:rgb(255, 191, 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, 191, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0533, 0.3237, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 244) }
```

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

```
.background{ background-color: rgb(255,  
191, 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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