

Converting Colors

Yxy(65.1154, 0.3342, 0.2917)

Have a look what the booklet for
Yxy(65.1154, 0.3342, 0.2917)
contains.

Yxy(65.1131, 0.3342, 0.2917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.1131, 0.3342, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E6
RGB	255, 193, 230
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2432, 0.0980
CMYK	0.00, 0.24, 0.10, 0.00
HSL	324°, 100%, 88%
HSV	324°, 24%, 100%
XYZ	74.5999, 65.1131, 83.5064
YIQ	215.7560, 25.0750, 24.6510

Conversions

Conversions Part 2

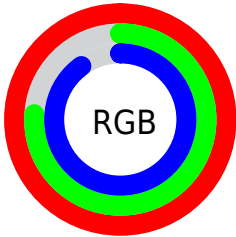
Format	Color
R _Y B	255, 193, 230
Decimal	16761318
CIE Lab	84.54, 27.84, -9.72
CIE LCh	85, 29.493, 340.754
Yxy	65.1131, 0.3342, 0.2917
Android (android.graphics.Color)	4294951398 (0xFFFFC1E6)
YUV	215.7560, 7.0223, 34.4170
Hunter-Lab	80.6927, 23.8100, -4.8725

Details

The Yxy color $65.1131, 0.3342, 0.2917$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.9180, 0.2959, 0.3696$, and the grayscale version is $68.4313, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $33.5270, 0.3401, 0.2839$ is the 20% darker color. If you saturate the color by 10%, you get $54.2325, 0.3459, 0.2757$, and if you desaturate by 10%, it is $77.9685, 0.3242, 0.3075$.

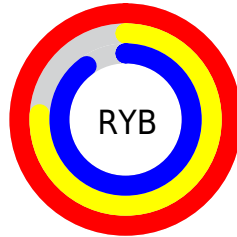
Distribution



Red (100%)

Green (76%)

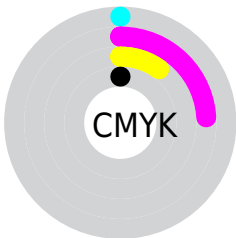
Blue (90%)



Red (100%)

Yellow (76%)

Blue (90%)

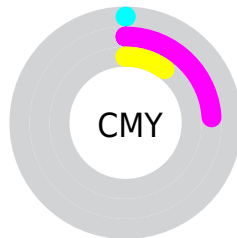


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1131, 0.3342, 0.2917 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 65.1131, 0.3342, 0.2917 by changing the saturation by 10% instead.


 65.1131, 0.3342,
0.2917

 65.1131, 0.3342,
0.2917


443.1983, 0.3243,
0.3088

 47.5528, 0.3364,
0.2879


 112.2124, 0.3308,
0.2976

 33.4729, 0.3392,
0.2831


142.5203, 0.3295,
0.2999

 22.4889, 0.3427,
0.2772


177.8461, 0.3283,
0.3019

 14.2166, 0.3472,
0.2695

218.5742, 0.3273,
0.3036

 8.2715, 0.3533,
0.2591

265.0891, 0.3264,
0.3051

 4.2691, 0.3621,
0.2445

317.7752, 0.3257,

 1.8252, 0.3756,

0.3065

0.2222

377.0168, 0.3250,
0.3077

0.5028, 0.4059,
0.1703

0.0000, 0.8290,
0.0000

65.1131, 0.3342,
0.2917

65.1131, 0.3342,
0.2917

54.2325, 0.3459,
0.2757

77.9685, 0.3242,
0.3075

45.2308, 0.3596,
0.2603

92.8962, 0.3159,
0.3227

37.9972, 0.3751,
0.2463

100.0000, 0.3127,
0.3290

32.4113, 0.3923,
0.2348

■ 28.3373, 0.4107,
0.2270

■ 25.6175, 0.4296,
0.2241

■ 24.0587, 0.4482,
0.2266

■ 23.5346, 0.4586,
0.2300

Harmonies

Analogous

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



65.1131, 0.2967, 0.2740



65.1131, 0.3342, 0.2917



65.1131, 0.3673, 0.3182

Triad

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



65.1131, 0.3342, 0.2917



65.1131, 0.3596, 0.3931



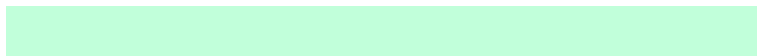
65.1131, 0.2454, 0.3026

Complementary

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



65.1131, 0.3342, 0.2917



87.9180, 0.2959, 0.3696

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.



65.1131, 0.2602, 0.3369



65.1131, 0.3342, 0.2917



65.1131, 0.3253, 0.3923

Square

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



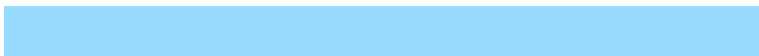
65.1131, 0.3342, 0.2917



65.1131, 0.3819, 0.3760



65.1131, 0.2890, 0.3711



65.1131, 0.2473, 0.2785

Rectangle

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



65.1131, 0.3342, 0.2917



65.1131, 0.3813, 0.3383



65.1131, 0.2890, 0.3711



65.1131, 0.2485, 0.3133

Sweetspot

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



65.1117, 0.3342, 0.2917



88.6806, 0.3180, 0.3187



60.2321, 0.2881, 0.2631



18.7829, 0.3185, 0.3178



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.



65.1117, 0.3342, 0.2917



59.7751, 0.3394, 0.2842



63.5305, 0.3588, 0.3227



18.1692, 0.3200, 0.3149



12.3277, 0.4557, 0.2284



1.2219, 0.4360, 0.2176

Inverse Universe

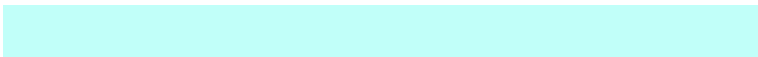
The Inverse Universe completely reimagines the original color for something new.



65.1117, 0.3342, 0.2917



59.7751, 0.3394, 0.2842



89.6839, 0.2799, 0.3355



18.1692, 0.3200, 0.3149



12.3277, 0.4557, 0.2284



1.2219, 0.4360, 0.2176

Previews

White Background



This preview shows how the Yxy color 65.1131, 0.3342, 0.2917 looks on a white background.

Color Contrast Check

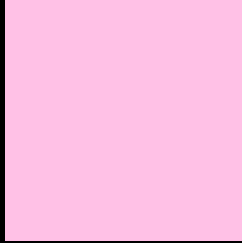
Large Text (above 18pt) WCAG AA × Fail

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 65.1131, 0.3342, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

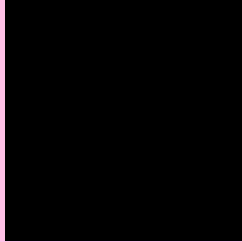
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1131, 0.3342, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 65.1131, 0.3342, 0.2917.



This preview shows how white text looks on a background with the Yxy color 65.1131, 0.3342, 0.2917.

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

65.1131, 0.3342, 0.2917

Protanopia

65.5659, 0.2894, 0.2948

Deuteranopia

65.1114, 0.3109, 0.3041



Tritanopia

65.0657, 0.3471, 0.3136

Trichromacy



Original Color

65.1131, 0.3342, 0.2917



Protanomaly

65.1474, 0.3047, 0.2936



Deuteranomaly

65.0926, 0.3187, 0.2994



Tritanomaly

65.1630, 0.3425, 0.3056

Monochromacy



Original Color

65.1131, 0.3342, 0.2917



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.1552, 0.3201, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1131, 0.3342, 0.2917 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, 193, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 230)  
}
```

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, 193, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 230) }
```

Border

The CSS property to change the border of an element to Yxy 65.1131, 0.3342, 0.2917 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, 193, 230) }
```

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

```
.border{ border-color:rgb(255, 193, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1131, 0.3342, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 230) }
```

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

```
.background{ background-color: rgb(255,  
193, 230) }
```

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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