

Converting Colors

$Y_{xy}(65.4397, 0.3345, 0.2930)$

Have a look what the booklet for
Yxy(65.4397, 0.3345, 0.2930)
contains.

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Color

Yxy(65.5567, 0.3341, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2E6
RGB	255, 194, 230
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2393, 0.0980
CMYK	0.00, 0.24, 0.10, 0.00
HSL	325°, 100%, 88%
HSV	325°, 24%, 100%
XYZ	74.8292, 65.5567, 83.5865
YIQ	216.3430, 24.8000, 24.1280

Conversions

Conversions Part 2

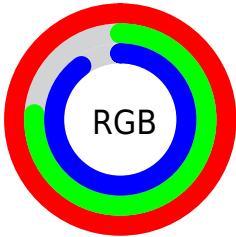
Format	Color
R_{YB}	255, 194, 230
Decimal	16761574
CIE _{Lab}	84.77, 27.33, -9.39
CIE _{LCh}	85, 28.901, 341.046
Yxy	65.5567, 0.3341, 0.2927
Android (android.graphics.Color)	4294951654 (0xFFFFC2E6)
YUV	216.3430, 6.7329, 33.9022
Hunter-Lab	80.9671, 23.2759, -4.5311

Details

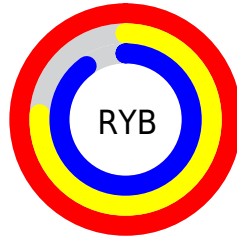
The Yxy color $65.5567, 0.3341, 0.2927$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.0998, 0.2960, 0.3684$, and the grayscale version is $68.8499, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $33.8179, 0.3399, 0.2852$ is the 20% darker color. If you saturate the color by 10%, you get $54.5895, 0.3459, 0.2769$, and if you desaturate by 10%, it is $78.4947, 0.3240, 0.3083$.

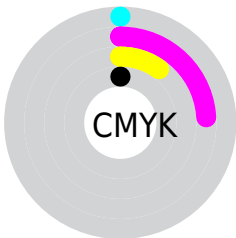
Distribution



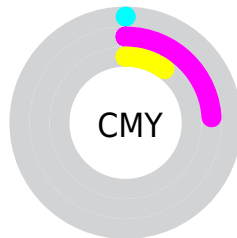
- Red (100%)
- Green (76%)
- Blue (90%)



- 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 65.5567, 0.3341, 0.2927 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 65.5567, 0.3341, 0.2927 by changing the saturation by 10% instead.

 65.5567, 0.3341,
0.2927

 65.5567, 0.3341,
0.2927


444.7898, 0.3243,
0.3093

 47.9126, 0.3363,
0.2890

 112.8498, 0.3307,
0.2984

 33.7577, 0.3391,
0.2844


143.2677, 0.3294,
0.3006

 22.7075, 0.3425,
0.2786


178.7123, 0.3282,
0.3026

 14.3777, 0.3471,
0.2711

219.5680, 0.3272,
0.3043

 8.3838, 0.3532,
0.2610

266.2192, 0.3264,
0.3057

 4.3415, 0.3619,
0.2468


319.0503, 0.3256,


 1.8664, 0.3754,


0.3071

0.2251

378.4457, 0.3249,
0.3082

 0.5280, 0.4047,
0.1761


 0.0000, 0.8190,
0.0000


 65.5567, 0.3341,
0.2927


 65.5567, 0.3341,
0.2927

 54.5895, 0.3459,
0.2769


 78.4947, 0.3240,
0.3083

 45.5106, 0.3597,
0.2616

 93.5140, 0.3156,
0.3233

 38.2053, 0.3754,
0.2476

100.0000, 0.3127,
0.3290

 32.5537, 0.3929,
0.2361

■ 28.4204, 0.4116,
0.2283

■ 25.6489, 0.4309,
0.2254

■ 24.0478, 0.4500,
0.2278

■ 23.4815, 0.4612,
0.2315

Harmonies

Analogous

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



65.5567, 0.2975, 0.2753



65.5567, 0.3341, 0.2927



65.5567, 0.3663, 0.3188

Triad

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



65.5567, 0.3341, 0.2927



65.5567, 0.3583, 0.3918



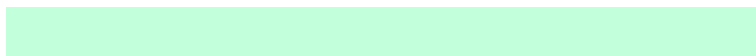
65.5567, 0.2468, 0.3030

Complementary

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



65.5567, 0.3341, 0.2927



88.0998, 0.2960, 0.3684

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.



65.5567, 0.2611, 0.3364



65.5567, 0.3341, 0.2927



65.5567, 0.3248, 0.3907

Square

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



65.5567, 0.3341, 0.2927



65.5567, 0.3803, 0.3752



65.5567, 0.2893, 0.3699



65.5567, 0.2488, 0.2795

Rectangle

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



65.5567, 0.3341, 0.2927



65.5567, 0.3799, 0.3385



65.5567, 0.2893, 0.3699



65.5567, 0.2498, 0.3134

Sweetspot

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



65.5508, 0.3341, 0.2927



88.6735, 0.3180, 0.3188



60.7623, 0.2886, 0.2642



18.7813, 0.3185, 0.3179



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.



65.5508, 0.3341, 0.2927



59.7493, 0.3398, 0.2847



64.0107, 0.3579, 0.3228



18.1671, 0.3201, 0.3151



12.3000, 0.4583, 0.2298



1.2193, 0.4383, 0.2188

Inverse Universe

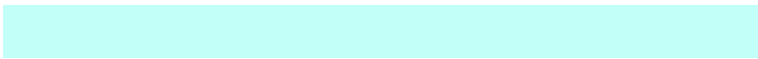
The Inverse Universe completely reimagines the original color for something new.



65.5508, 0.3341, 0.2927



59.7493, 0.3398, 0.2847



89.8205, 0.2804, 0.3354



18.1671, 0.3201, 0.3151



12.3000, 0.4583, 0.2298



1.2193, 0.4383, 0.2188

Previews

White Background



This preview shows how the Yxy color 65.5567, 0.3341, 0.2927 looks on a white background.

Color Contrast Check

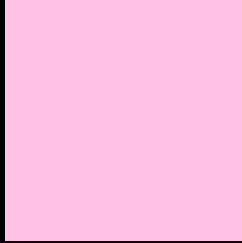
Large Text (above 18pt) WCAG AA × Fail

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 65.5567, 0.3341, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

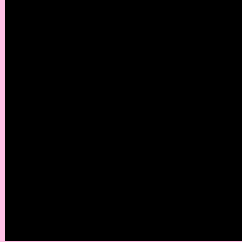
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5567, 0.3341, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 65.5567, 0.3341, 0.2927.



This preview shows how white text looks on a background with the Yxy color 65.5567, 0.3341, 0.2927.

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

65.5567, 0.3341, 0.2927

Protanopia

65.6499, 0.2907, 0.2959

Deuteranopia

65.7516, 0.3116, 0.3052



Tritanopia

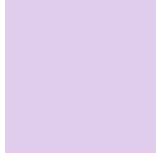
65.5686, 0.3461, 0.3136

Trichromacy



Original Color

65.5567, 0.3341, 0.2927



Protanomaly

65.0892, 0.3054, 0.2946



Deuteranomaly

65.7311, 0.3194, 0.3005



Tritanomaly

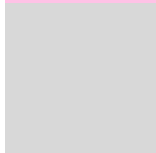
65.6652, 0.3416, 0.3056

Monochromacy



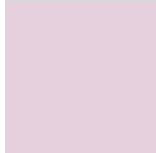
Original Color

65.5567, 0.3341, 0.2927



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 65.5567, 0.3341, 0.2927 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, 194, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 230) }
```

Border

The CSS property to change the border of an element to Yxy 65.5567, 0.3341, 0.2927 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, 194, 230) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5567, 0.3341, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 230) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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