

Converting Colors

Yxy(65.6147, 0.3134, 0.2669)

Have a look what the booklet for
Yxy(65.6147, 0.3134, 0.2669)
contains.

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Color

Yxy(65.6147, 0.3134, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	FCC0FF
RGB	252, 192, 255
RGB Percent	99%, 75%, 100%
CMY	0.0117, 0.2471, 0.0001
CMYK	0.01, 0.25, 0.00, 0.00
HSL	297°, 100%, 88%
HSV	297°, 25%, 100%
XYZ	77.0463, 65.6147, 103.1791
YIQ	217.1220, 15.5370, 32.3130

Conversions

Conversions Part 2

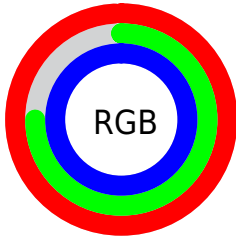
Format	Color
R_{YB}	252, 192, 255
Decimal	16564479
CIE _{Lab}	84.80, 31.72, -22.65
CIE _{LCh}	85, 38.980, 324.469
Yxy	65.6147, 0.3134, 0.2669
Android (android.graphics.Color)	4294754559 (0xFFFC0FF)
YUV	217.1220, 18.6739, 30.5880
Hunter-Lab	81.0029, 28.0260, -18.8198

Details

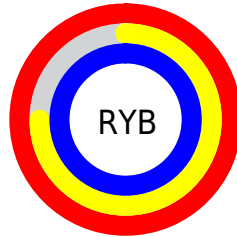
The Yxy color $65.6147, 0.3134, 0.2669$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.8953, 0.3112, 0.3991$, and the grayscale version is $69.3398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $33.8563, 0.3132, 0.2538$ is the 20% darker color. If you saturate the color by 10%, you get $55.1529, 0.3134, 0.2418$, and if you desaturate by 10%, it is $78.0229, 0.3132, 0.2924$.

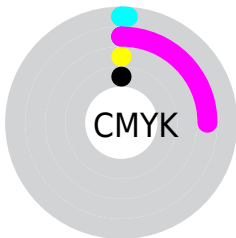
Distribution



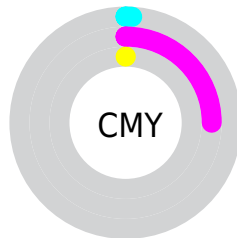
- Red (99%)
- Green (75%)
- Blue (100%)



- Red (99%)
- Yellow (75%)
- Blue (100%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6147, 0.3134, 0.2669 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 65.6147, 0.3134, 0.2669 by changing the saturation by 10% instead.


 65.6147, 0.3134,
0.2669

 65.6147, 0.3134,
0.2669


444.9977, 0.3137,
0.2946

 47.9597, 0.3132,
0.2608


 112.9331, 0.3136,
0.2763

 33.7950, 0.3129,
0.2534

143.3654, 0.3137,
0.2800

 22.7361, 0.3124,
0.2443


178.8255, 0.3137,
0.2833

 14.3988, 0.3116,
0.2327


219.6978, 0.3137,
0.2861

 8.3985, 0.3102,
0.2175

266.3668, 0.3137,
0.2886

 4.3510, 0.3078,
0.1969

319.2168, 0.3137,

 1.8718, 0.3028,

0.2908

0.1675

378.6323, 0.3137,
0.2928

0.5313, 0.2944,
0.1151

0.0000, 0.1919,
0.0000

65.6147, 0.3134,
0.2669

65.6147, 0.3134,
0.2669

55.1529, 0.3134,
0.2418

78.0229, 0.3132,
0.2924

46.5290, 0.3133,
0.2180

92.4618, 0.3129,
0.3175

39.6369, 0.3130,
0.1966

99.9976, 0.3127,
0.3290

34.3562, 0.3124,
0.1784

■ 30.5511, 0.3117,
0.1643

■ 28.0637, 0.3107,
0.1546

■ 26.6996, 0.3097,
0.1492

■ 26.2857, 0.3091,
0.1476

Harmonies

Analogous

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



65.6147, 0.2677, 0.2524



65.6147, 0.3134, 0.2669



65.6147, 0.3624, 0.2950

Triad

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



65.6147, 0.3134, 0.2669



65.6147, 0.3924, 0.4023



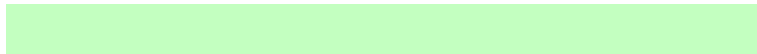
65.6147, 0.2331, 0.3167

Complementary

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



65.6147, 0.3134, 0.2669



86.8953, 0.3112, 0.3991

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.



65.6147, 0.2622, 0.3653



65.6147, 0.3134, 0.2669



65.6147, 0.3539, 0.4171

Square

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



65.6147, 0.3134, 0.2669



65.6147, 0.4097, 0.3701



65.6147, 0.3061, 0.4043



65.6147, 0.2242, 0.2770

Rectangle

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



65.6147, 0.3134, 0.2669



65.6147, 0.3891, 0.3189



65.6147, 0.3061, 0.4043



65.6147, 0.2407, 0.3327

Sweetspot

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



65.6176, 0.3134, 0.2669



88.9778, 0.3130, 0.3118



57.5210, 0.2704, 0.2622



18.8519, 0.3130, 0.3103



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.



65.6176, 0.3134, 0.2669



59.8499, 0.3134, 0.2535



64.4780, 0.3369, 0.2940



18.2547, 0.3131, 0.3055



13.7583, 0.3093, 0.1477



1.3524, 0.3107, 0.1485

Inverse Universe

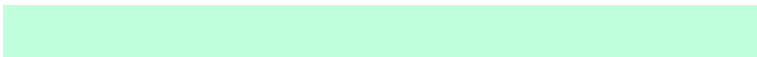
The Inverse Universe completely reimagines the original color for something new.



62.8896, 0.3625, 0.3261



56.6803, 0.3773, 0.3254



87.8875, 0.2941, 0.3669



18.0008, 0.3287, 0.3279



11.1283, 0.6354, 0.3274



1.0881, 0.6244, 0.3213

Previews

White Background



This preview shows how the Yxy color 65.6147, 0.3134, 0.2669 looks on a white background.

Color Contrast Check

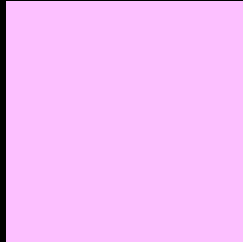
Large Text (above 18pt) WCAG AA × Fail

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 65.6147, 0.3134, 0.2669 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 65.6147, 0.3134, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 65.6147, 0.3134, 0.2669.



This preview shows how white text looks on a background with the Yxy color 65.6147, 0.3134, 0.2669.

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

65.6147, 0.3134, 0.2669

Protanopia

65.7307, 0.2776, 0.2800

Deuteranopia

65.8001, 0.2873, 0.2808



Tritanopia

65.3460, 0.3379, 0.3123

Trichromacy



Original Color

65.6147, 0.3134, 0.2669



Protanomaly

65.1475, 0.2900, 0.2742



Deuteranomaly

65.6638, 0.2962, 0.2758



Tritanomaly

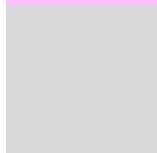
65.1495, 0.3284, 0.2941

Monochromacy



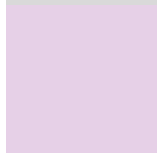
Original Color

65.6147, 0.3134, 0.2669



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.7043, 0.3131, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6147, 0.3134, 0.2669 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(252, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 192, 255)  
}
```

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(252, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.6147, 0.3134, 0.2669 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(252, 192, 255) }
```

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

```
.border{ border-color:rgb(252, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6147, 0.3134, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 192, 255) }
```

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

```
.background{ background-color: rgb(252,  
192, 255) }
```

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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