

Converting Colors

$Y_{xy}(67.1983, 0.3159, 0.2702)$

Have a look what the booklet for
Yxy(67.1983, 0.3159, 0.2702)
contains.

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Color

Yxy(66.9993, 0.3162, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2FE
RGB	255, 194, 254
RGB Percent	100%, 76%, 100%
CMY	0.0002, 0.2391, 0.0040
CMYK	0.00, 0.24, 0.00, 0.00
HSL	301°, 100%, 88%
HSV	301°, 24%, 100%
XYZ	78.4055, 66.9993, 102.5570
YIQ	219.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

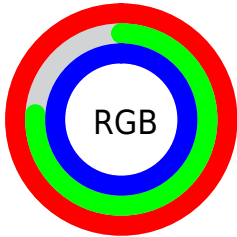
Format	Color
R_{YB}	255, 194, 254
Decimal	16761598
CIE _{Lab}	85.50, 31.41, -21.04
CIE _{LCh}	86, 37.809, 326.182
Yxy	66.9993, 0.3162, 0.2702
Android (android.graphics.Color)	4294951678 (0xFFFFC2FE)
YUV	219.0790, 17.2161, 31.5027
Hunter-Lab	81.8531, 27.7389, -16.9896

Details

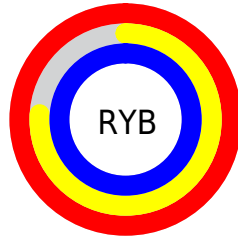
The Yxy color $66.9993, 0.3162, 0.2702$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.9004, 0.3090, 0.3958$, and the grayscale version is $70.7655, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $34.7932, 0.3170, 0.2581$ is the 20% darker color. If you saturate the color by 10%, you get $56.5829, 0.3177, 0.2458$, and if you desaturate by 10%, it is $79.3684, 0.3147, 0.2951$.

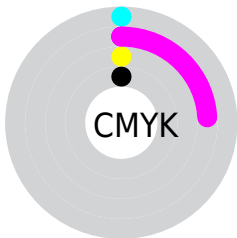
Distribution



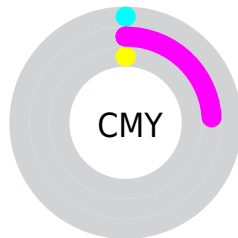
- Red (100%)
- Green (76%)
- Blue (100%)



- Red (100%)
- Yellow (76%)
- Blue (100%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9993, 0.3162, 0.2702 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 66.9993, 0.3162, 0.2702 by changing the saturation by 10% instead.

 66.9993, 0.3162,
0.2702

 66.9993, 0.3162,
0.2702


449.9423, 0.3151,
0.2964

 49.0841, 0.3163,
0.2645


 114.9194, 0.3159,
0.2791

 34.6862, 0.3164,
0.2575

145.6931, 0.3158,
0.2826

 23.4212, 0.3165,
0.2488


181.5216, 0.3157,
0.2857

 14.9048, 0.3163,
0.2379

222.7896, 0.3155,
0.2883

 8.7526, 0.3159,
0.2235

269.8812, 0.3154,
0.2907

 4.5802, 0.3149,
0.2039


323.1809, 0.3153,


 2.0031, 0.3123,


0.2928


0.1760

383.0731, 0.3152,
0.2947

 0.6093, 0.3070,
0.1287


 0.0000, 0.2402,
0.0000

 66.9993, 0.3162,
0.2702


 66.9993, 0.3162,
0.2702

 56.5829, 0.3177,
0.2458


 79.3684, 0.3147,
0.2951

 48.0111, 0.3192,
0.2227

 93.7735, 0.3133,
0.3197

 41.1786, 0.3207,
0.2021

99.9904, 0.3127,
0.3290

 35.9661, 0.3219,
0.1847

■ 32.2393, 0.3231,
0.1714

■ 29.8423, 0.3239,
0.1624

■ 28.5848, 0.3246,
0.1577

■ 28.2115, 0.3250,
0.1564

Harmonies

Analogous

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



66.9993, 0.2715, 0.2553



66.9993, 0.3162, 0.2702



66.9993, 0.3631, 0.2981

Triad

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



66.9993, 0.3162, 0.2702



66.9993, 0.3879, 0.4012



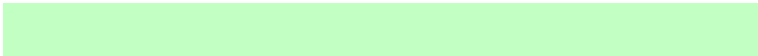
66.9993, 0.2348, 0.3148

Complementary

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



66.9993, 0.3162, 0.2702



86.9004, 0.3090, 0.3958

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.



66.9993, 0.2620, 0.3613



66.9993, 0.3162, 0.2702



66.9993, 0.3501, 0.4139

Square

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



66.9993, 0.3162, 0.2702



66.9993, 0.4059, 0.3710



66.9993, 0.3039, 0.3998



66.9993, 0.2273, 0.2773

Rectangle

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



66.9993, 0.3162, 0.2702



66.9993, 0.3881, 0.3214



66.9993, 0.3039, 0.3998



66.9993, 0.2418, 0.3300

Sweetspot

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



67.0022, 0.3162, 0.2702



89.1172, 0.3137, 0.3121



57.2866, 0.2717, 0.2611



18.8843, 0.3138, 0.3106



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.



67.0022, 0.3162, 0.2702



61.4734, 0.3170, 0.2576



65.2555, 0.3383, 0.2982



18.2952, 0.3141, 0.3060



14.7501, 0.3249, 0.1563



1.4377, 0.3244, 0.1561

Inverse Universe

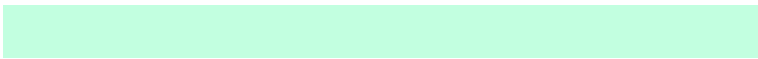
The Inverse Universe completely reimagines the original color for something new.



67.0022, 0.3162, 0.2702



61.4734, 0.3170, 0.2576



88.3693, 0.2931, 0.3621



18.2952, 0.3141, 0.3060



14.7501, 0.3249, 0.1563



1.4377, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 66.9993, 0.3162, 0.2702 looks on a white background.

Color Contrast Check

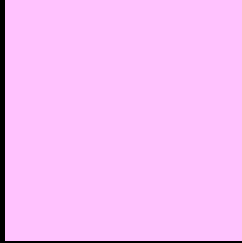
Large Text (above 18pt) WCAG AA × Fail

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 66.9993, 0.3162, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

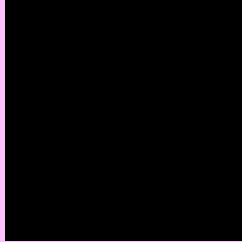
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9993, 0.3162, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 66.9993, 0.3162, 0.2702.



This preview shows how white text looks on a background with the Yxy color 66.9993, 0.3162, 0.2702.

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

66.9993, 0.3162, 0.2702

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

67.3177, 0.2907, 0.2843



Tritanopia

67.0551, 0.3400, 0.3136

Trichromacy



Original Color

66.9993, 0.3162, 0.2702



Protanomaly

66.5706, 0.2922, 0.2766



Deuteranomaly

67.2029, 0.2998, 0.2793



Tritanomaly

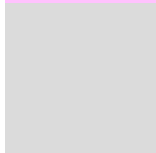
66.7968, 0.3313, 0.2966

Monochromacy



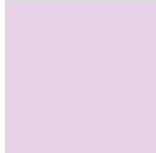
Original Color

66.9993, 0.3162, 0.2702



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.0752, 0.3138, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9993, 0.3162, 0.2702 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 254) }
```

Border

The CSS property to change the border of an element to Yxy 66.9993, 0.3162, 0.2702 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, 254) }
```

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

```
.border{ border-color:rgb(255, 194, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9993, 0.3162, 0.2702 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
194, 254) }
```

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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