

Converting Colors

Yxy(66.5652, 0.3136, 0.2790)

Have a look what the booklet for
Yxy(66.5652, 0.3136, 0.2790)
contains.

Yxy(66.5160, 0.3135, 0.2794)	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(66.5160, 0.3135, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6F7
RGB	245, 198, 247
RGB Percent	96%, 78%, 97%
CMY	0.0393, 0.2235, 0.0313
CMYK	0.01, 0.20, 0.00, 0.03
HSL	297°, 75%, 87%
HSV	297°, 20%, 97%
XYZ	74.6341, 66.5160, 96.9172
YIQ	217.6390, 12.2830, 25.2030

Conversions

Conversions Part 2

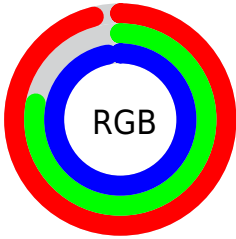
Format	Color
R _Y B	245, 198, 247
Decimal	16107255
CIE Lab	85.26, 24.82, -17.80
CIE LCh	85, 30.548, 324.353
Yxy	66.5160, 0.3135, 0.2794
Android (android.graphics.Color)	4294297335 (0xFFFF5C6F7)
YUV	217.6390, 14.4750, 23.9956
Hunter-Lab	81.5573, 20.6221, -13.3661

Details

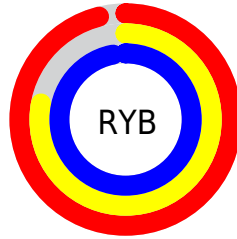
The Yxy color $66.5160, 0.3135, 0.2794$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.9001, 0.3114, 0.3836$, and the grayscale version is $69.7428, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3995, 0.3126, 0.2681$ is the 20% darker color. If you saturate the color by 10%, you get $55.9462, 0.3137, 0.2541$, and if you desaturate by 10%, it is $78.9342, 0.3131, 0.3047$.

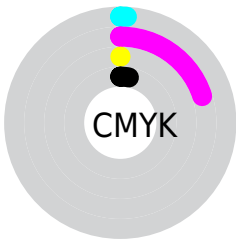
Distribution



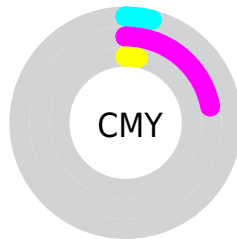
- Red (96%)
- Green (78%)
- Blue (97%)



- Red (96%)
- Yellow (78%)
- Blue (97%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5160, 0.3135, 0.2794 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 66.5160, 0.3135, 0.2794 by changing the saturation by 10% instead.

 66.5160, 0.3135,
0.2794

 66.5160, 0.3135,
0.2794


448.2200, 0.3135,
0.3018

 48.6914, 0.3134,
0.2744

114.2266, 0.3136,
0.2870

 34.3747, 0.3133,
0.2684

144.8814, 0.3136,
0.2900

 23.1816, 0.3130,
0.2608


180.5817, 0.3136,
0.2927

 14.7277, 0.3125,
0.2511

221.7120, 0.3136,
0.2949

 8.6285, 0.3117,
0.2383

268.6565, 0.3136,
0.2969

 4.4997, 0.3102,
0.2205


321.7998, 0.3136,


 1.9568, 0.3070,


0.2987


381.5262, 0.3135,
0.3003

0.1945


 0.5822, 0.3017,
0.1462


 0.0000, 0.1373,
0.0000


 66.5160, 0.3135,
0.2794


 66.5160, 0.3135,
0.2794


 55.9462, 0.3137,
0.2541


 78.9342, 0.3131,
0.3047


 47.1269, 0.3138,
0.2296

 93.2751, 0.3127,
0.3294

 39.9645, 0.3137,
0.2070

 98.2059, 0.3130,
0.3367

 34.3531, 0.3134,
0.1872

 98.3951, 0.3136,
0.3367

30.1745, 0.3129,
0.1712

98.5854, 0.3143,
0.3367

27.2938, 0.3122,
0.1594

98.7767, 0.3149,
0.3367

25.5502, 0.3113,
0.1520

98.9690, 0.3156,
0.3367

24.6815, 0.3103,
0.1484

99.1624, 0.3162,
0.3367

24.6700, 0.3103,
0.1483

99.3569, 0.3169,
0.3366

Harmonies

Analogous

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



66.5160, 0.2774, 0.2679



66.5160, 0.3135, 0.2794



66.5160, 0.3515, 0.3022

Triad

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



66.5160, 0.3135, 0.2794



66.5160, 0.3755, 0.3871



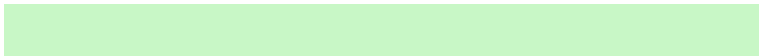
66.5160, 0.2498, 0.3203

Complementary

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



66.5160, 0.3135, 0.2794



82.9001, 0.3114, 0.3836

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.



66.5160, 0.2735, 0.3573



66.5160, 0.3135, 0.2794



66.5160, 0.3458, 0.3973

Square

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



66.5160, 0.3135, 0.2794



66.5160, 0.3884, 0.3625



66.5160, 0.3083, 0.3867



66.5160, 0.2423, 0.2889

Rectangle

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



66.5160, 0.3135, 0.2794



66.5160, 0.3720, 0.3215



66.5160, 0.3083, 0.3867



66.5160, 0.2561, 0.3326

Sweetspot

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



66.5189, 0.3135, 0.2794



90.5027, 0.3130, 0.3143



60.2481, 0.2797, 0.2770



19.1599, 0.3130, 0.3127



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.



66.5189, 0.3135, 0.2794



66.4929, 0.3136, 0.2687



65.6069, 0.3312, 0.3012



16.7310, 0.3131, 0.3056



13.0608, 0.3105, 0.1484



1.1587, 0.3119, 0.1492

Inverse Universe

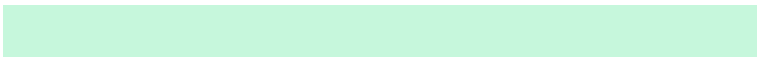
The Inverse Universe completely reimagines the original color for something new.



64.3454, 0.3506, 0.3270



63.7564, 0.3610, 0.3265



83.7130, 0.2976, 0.3586



16.4937, 0.3287, 0.3281



10.4749, 0.6357, 0.3276



0.9245, 0.6248, 0.3216

Previews

White Background



This preview shows how the Yxy color 66.5160, 0.3135, 0.2794 looks on a white background.

Color Contrast Check

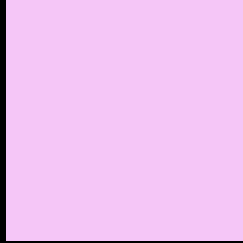
Large Text (above 18pt) WCAG AA × Fail

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 66.5160, 0.3135, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

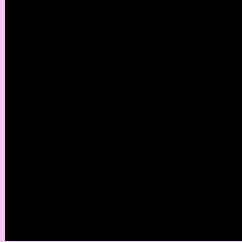
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5160, 0.3135, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 66.5160, 0.3135, 0.2794.

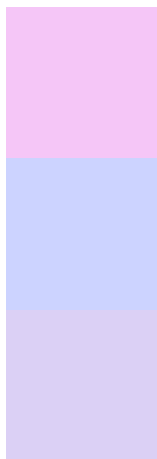


This preview shows how white text looks on a background with the Yxy color 66.5160, 0.3135, 0.2794.

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

66.5160, 0.3135, 0.2794

Protanopia

66.6459, 0.2797, 0.2814

Deuteranopia

66.7644, 0.2959, 0.2894



Tritanopia

66.5271, 0.3305, 0.3122

Trichromacy



Original Color

66.5160, 0.3135, 0.2794



Protanomaly

66.2310, 0.2913, 0.2802



Deuteranomaly

66.3335, 0.3016, 0.2849



Tritanomaly

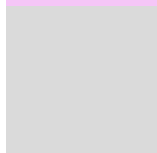
66.3077, 0.3240, 0.2999

Monochromacy



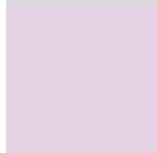
Original Color

66.5160, 0.3135, 0.2794



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.7397, 0.3129, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5160, 0.3135, 0.2794 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(245, 198, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 247)  
}
```

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(245, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 247) }
```

Border

The CSS property to change the border of an element to Yxy 66.5160, 0.3135, 0.2794 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(245, 198, 247) }
```

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

```
.border{ border-color:rgb(245, 198, 247) }
```

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

Here you see how a box with a 4 pixel rgb(245, 198, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5160, 0.3135, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 247) }
```

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

```
.background{ background-color: rgb(245,  
198, 247) }
```

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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