

Converting Colors

Yxy(65.3388, 0.3101, 0.2811)

Have a look what the booklet for
Yxy(65.3388, 0.3101, 0.2811)
contains.

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Color

Yxy(65.1579, 0.3097, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	EEC6F5
RGB	238, 198, 245
RGB Percent	93%, 78%, 96%
CMY	0.0666, 0.2235, 0.0391
CMYK	0.03, 0.19, 0.00, 0.04
HSL	291°, 70%, 87%
HSV	291°, 19%, 96%
XYZ	71.9408, 65.1579, 95.1933
YIQ	215.3180, 8.7530, 23.0970

Conversions

Conversions Part 2

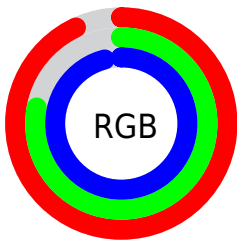
Format	Color
R _{YB}	238, 198, 245
Decimal	15648501
CIE Lab	84.57, 22.20, -17.85
CIE LCh	85, 28.486, 321.194
Yxy	65.1579, 0.3097, 0.2805
Android (android.graphics.Color)	4293838581 (0xFFEEC6F5)
YUV	215.3180, 14.6332, 19.8921
Hunter-Lab	80.7204, 17.8245, -13.4161

Details

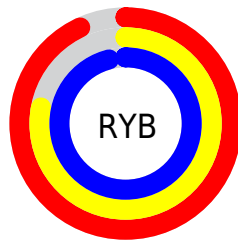
The Yxy color $65.1579, 0.3097, 0.2805$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $82.3809, 0.3148, 0.3811$, and the grayscale version is $68.0791, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.5657, 0.3086, 0.2694$ is the 20% darker color. If you saturate the color by 10%, you get $54.2242, 0.3075, 0.2543$, and if you desaturate by 10%, it is $77.9220, 0.3114, 0.3062$.

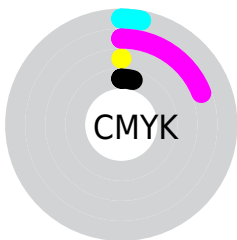
Distribution



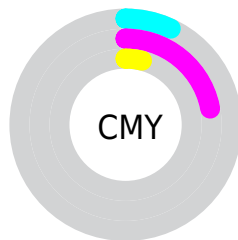
- Red (93%)
- Green (78%)
- Blue (96%)



- Red (93%)
- Yellow (78%)
- Blue (96%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)





- Cyan (7%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1579, 0.3097, 0.2805 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 65.1579, 0.3097, 0.2805 by changing the saturation by 10% instead.


 65.1579, 0.3097,
0.2805

 65.1579, 0.3097,
0.2805


443.3592, 0.3115,
0.3025

 47.5891, 0.3092,
0.2756


112.2768, 0.3104,
0.2880

 33.5016, 0.3086,
0.2696


142.5958, 0.3106,
0.2910

 22.5110, 0.3077,
0.2621


177.9336, 0.3108,
0.2936

 14.2329, 0.3064,
0.2524

218.6746, 0.3110,
0.2958

 8.2828, 0.3045,
0.2395

265.2033, 0.3111,
0.2978

 4.2764, 0.3014,
0.2215


317.9041, 0.3113,

 1.8294, 0.2957,


0.2995


0.1950

377.1612, 0.3114,
0.3011


 0.5054, 0.2874,
0.1403


 0.0000, 0.0000,
0.0000


 65.1579, 0.3097,
0.2805


 65.1579, 0.3097,
0.2805


 54.2242, 0.3075,
0.2543


 77.9220, 0.3114,
0.3062


 45.0254, 0.3049,
0.2285

 92.5892, 0.3128,
0.3309

 37.4701, 0.3019,
0.2040

 98.2505, 0.3147,
0.3387

 31.4550, 0.2985,
0.1820

 98.9289, 0.3170,
0.3386

■ 26.8653, 0.2949,
0.1634

■ 99.3743, 0.3185,
0.3386

■ 23.5698, 0.2910,
0.1491

■ 21.4129, 0.2870,
0.1393

■ 20.1569, 0.2831,
0.1335

■ 20.0711, 0.2828,
0.1332

Harmonies

Analogous

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



65.1579, 0.2764, 0.2710



65.1579, 0.3097, 0.2805



65.1579, 0.3457, 0.3011

Triad

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



65.1579, 0.3097, 0.2805



65.1579, 0.3739, 0.3818



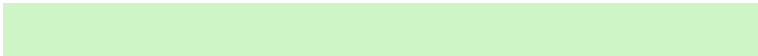
65.1579, 0.2552, 0.3246

Complementary

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



65.1579, 0.3097, 0.2805



82.3809, 0.3148, 0.3811

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.



65.1579, 0.2789, 0.3590



65.1579, 0.3097, 0.2805



65.1579, 0.3474, 0.3928

Square

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



65.1579, 0.3097, 0.2805



65.1579, 0.3839, 0.3578



65.1579, 0.3125, 0.3849



65.1579, 0.2464, 0.2941

Rectangle

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



65.1579, 0.3097, 0.2805



65.1579, 0.3658, 0.3190



65.1579, 0.3125, 0.3849



65.1579, 0.2616, 0.3362

Sweetspot

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



65.1607, 0.3097, 0.2805



90.1932, 0.3119, 0.3142



62.2880, 0.2812, 0.2843



19.0865, 0.3118, 0.3126



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.



65.1607, 0.3097, 0.2805



66.4955, 0.3089, 0.2704



65.4382, 0.3270, 0.2974



16.6357, 0.3114, 0.3055



10.8581, 0.2834, 0.1335



0.9876, 0.2884, 0.1362

Inverse Universe

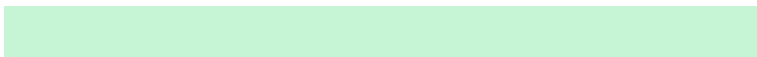
The Inverse Universe completely reimagines the original color for something new.



64.2138, 0.3450, 0.3217



65.3107, 0.3533, 0.3201



82.2063, 0.3008, 0.3629



16.5228, 0.3270, 0.3255



10.5407, 0.6196, 0.3187



0.9383, 0.5896, 0.3022

Previews

White Background



This preview shows how the Yxy color 65.1579, 0.3097, 0.2805 looks on a white background.

Color Contrast Check

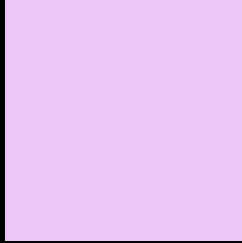
Large Text (above 18pt) WCAG AA × Fail

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 65.1579, 0.3097, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

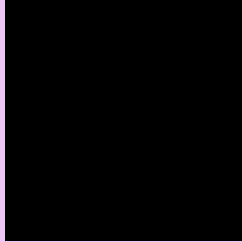
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1579, 0.3097, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 65.1579, 0.3097, 0.2805.

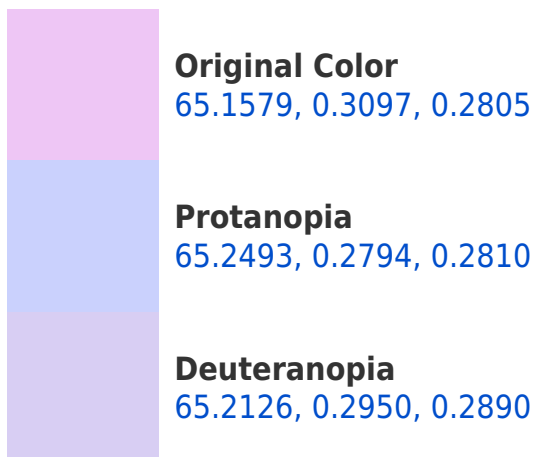


This preview shows how white text looks on a background with the Yxy color 65.1579, 0.3097, 0.2805.

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





Tritanopia

65.3188, 0.3250, 0.3119

Trichromacy



Original Color

65.1579, 0.3097, 0.2805

Protanomaly

65.0118, 0.2898, 0.2807

Deuteranomaly

65.0908, 0.3000, 0.2854

Tritanomaly

65.0369, 0.3194, 0.3004

Monochromacy



Original Color

65.1579, 0.3097, 0.2805

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.7799, 0.3114, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1579, 0.3097, 0.2805 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(238, 198, 245)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 245)  
}
```

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(238, 198, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 245) }
```

Border

The CSS property to change the border of an element to Yxy 65.1579, 0.3097, 0.2805 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(238, 198, 245) }
```

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

```
.border{ border-color:rgb(238, 198, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1579, 0.3097, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 245) }
```

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

```
.background{ background-color: rgb(238,  
198, 245) }
```

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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