

Converting Colors

Yxy(65.7889, 0.3091, 0.2800)

Have a look what the booklet for
Yxy(65.7889, 0.3091, 0.2800)
contains.

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Color

Yxy(65.9130, 0.3090, 0.2798)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EFC7F7 |
| RGB | 239, 199, 247 |
| RGB Percent | 94%, 78%, 97% |
| CMY | 0.0630, 0.2195, 0.0314 |
| CMYK | 0.03, 0.19, 0.00, 0.03 |
| HSL | 290°, 75%, 87% |
| HSV | 290°, 19%, 97% |
| XYZ | 72.7917, 65.9130, 96.8671 |
| YIQ | 216.4320, 8.4320, 23.4080 |

Conversions

Conversions Part 2

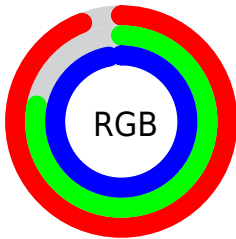
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 239, 199, 247 |
| Decimal | 15714295 |
| CIE Lab | 84.95, 22.32, -18.30 |
| CIE LCh | 85, 28.862, 320.653 |
| Yxy | 65.9130, 0.3090, 0.2798 |
| Android (android.graphics.Color) | 4293904375 (0xFFEFC7F7) |
| YUV | 216.4320, 15.0700, 19.7921 |
| Hunter-Lab | 81.1868, 17.9653, -13.9104 |

Details

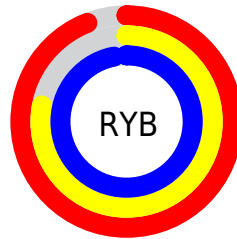
The Yxy color $65.9130, 0.3090, 0.2798$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $83.9117, 0.3153, 0.3817$, and the grayscale version is $68.8685, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0797, 0.3077, 0.2685$ is the 20% darker color. If you saturate the color by 10%, you get $54.7433, 0.3064, 0.2535$, and if you desaturate by 10%, it is $78.9494, 0.3111, 0.3057$.

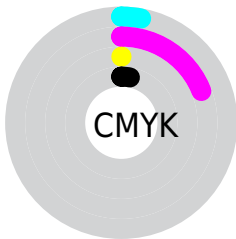
Distribution



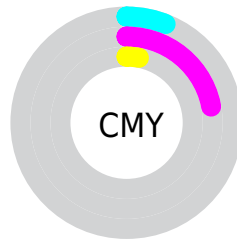
- Red (94%)
- Green (78%)
- Blue (97%)



- Red (94%)
- Yellow (78%)
- Blue (97%)



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





- Cyan (6%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9130, 0.3090, 0.2798 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 65.9130, 0.3090, 0.2798 by changing the saturation by 10% instead.

 65.9130, 0.3090,
0.2798

 65.9130, 0.3090,
0.2798


446.0657, 0.3111,
0.3021

 48.2018, 0.3084,
0.2748

113.3615, 0.3098,
0.2874

 33.9867, 0.3077,
0.2688


143.8675, 0.3101,
0.2904

 22.8834, 0.3067,
0.2612

179.4072, 0.3103,
0.2930

 14.5074, 0.3053,
0.2515

220.3651, 0.3105,
0.2953

 8.4744, 0.3032,
0.2386

267.1255, 0.3107,
0.2973

 4.4000, 0.2997,
0.2206

320.0728, 0.3109,

 1.8997, 0.2936,

0.2990

0.1942

379.5914, 0.3110,
0.3006

0.5482, 0.2838,
0.1432

0.0000, 0.0200,
0.0000

65.9130, 0.3090,
0.2798

65.9130, 0.3090,
0.2798

54.7433, 0.3064,
0.2535

78.9494, 0.3111,
0.3057

45.3428, 0.3034,
0.2274

93.9269, 0.3128,
0.3304

37.6181, 0.2998,
0.2027

98.8117, 0.3151,
0.3367

31.4638, 0.2959,
0.1804

99.4944, 0.3174,
0.3367

■ 26.7621, 0.2917,
0.1615

■ 23.3789, 0.2872,
0.1469

■ 21.1547, 0.2827,
0.1368

■ 19.8411, 0.2783,
0.1309

■ 19.7752, 0.2781,
0.1306

Harmonies

Analogous

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



65.9130, 0.2756, 0.2705



65.9130, 0.3090, 0.2798



65.9130, 0.3453, 0.3004

Triad

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



65.9130, 0.3090, 0.2798



65.9130, 0.3748, 0.3819



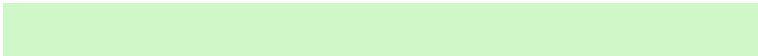
65.9130, 0.2550, 0.3251

Complementary

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



65.9130, 0.3090, 0.2798



83.9117, 0.3153, 0.3817

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.



65.9130, 0.2792, 0.3598



65.9130, 0.3090, 0.2798



65.9130, 0.3483, 0.3934

Square

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



65.9130, 0.3090, 0.2798



65.9130, 0.3845, 0.3575



65.9130, 0.3131, 0.3858



65.9130, 0.2458, 0.2942

Rectangle

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



65.9130, 0.3090, 0.2798



65.9130, 0.3658, 0.3184



65.9130, 0.3131, 0.3858



65.9130, 0.2616, 0.3369

Sweetspot

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



65.9158, 0.3090, 0.2798



90.1404, 0.3117, 0.3142



63.8853, 0.2809, 0.2855



19.0740, 0.3116, 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.



65.9158, 0.3090, 0.2798



66.3004, 0.3081, 0.2703



66.4464, 0.3260, 0.2954



16.6195, 0.3111, 0.3055



10.5142, 0.2788, 0.1310



0.9606, 0.2844, 0.1340

Inverse Universe

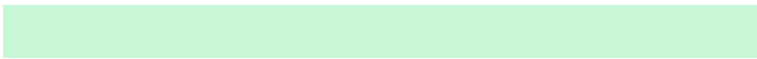
The Inverse Universe completely reimagines the original color for something new.



65.1401, 0.3448, 0.3206



65.3631, 0.3525, 0.3190



83.5236, 0.3016, 0.3651



16.5278, 0.3267, 0.3251



10.5579, 0.6156, 0.3165



0.9407, 0.5841, 0.2991

Previews

White Background



This preview shows how the Yxy color 65.9130, 0.3090, 0.2798 looks on a white background.

Color Contrast Check

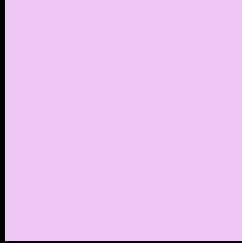
Large Text (above 18pt) WCAG AA × Fail

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 65.9130, 0.3090, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

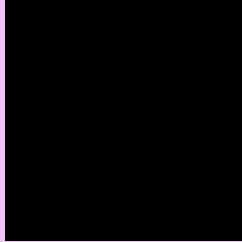
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9130, 0.3090, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 65.9130, 0.3090, 0.2798.



This preview shows how white text looks on a background with the Yxy color 65.9130, 0.3090, 0.2798.

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

65.9130, 0.3090, 0.2798

Protanopia

66.0097, 0.2789, 0.2802

Deuteranopia

65.9699, 0.2944, 0.2881



Tritanopia

66.0152, 0.3250, 0.3120

Trichromacy



Original Color

65.9130, 0.3090, 0.2798

Protanomaly

65.7698, 0.2893, 0.2799

Deuteranomaly

65.8471, 0.2994, 0.2846

Tritanomaly

65.7871, 0.3187, 0.2995

Monochromacy



Original Color

65.9130, 0.3090, 0.2798

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.4865, 0.3114, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9130, 0.3090, 0.2798 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(239, 199, 247)` looks like.

```
.text, #text, p{  
    color:rgb(239, 199, 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(239, 199, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 247) }
```

Border

The CSS property to change the border of an element to Yxy 65.9130, 0.3090, 0.2798 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(239, 199, 247) }
```

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

```
.border{ border-color:rgb(239, 199, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 199, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 199, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 199, 247);  
box-shadow:4px 4px 4px 4px rgb(239, 199,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9130, 0.3090, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 247) }
```

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

```
.background{ background-color: rgb(239,  
199, 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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