

Converting Colors

$Yxy(77.2888, 0.3048, 0.3064)$

Have a look what the booklet for
Yxy(77.2888, 0.3048, 0.3064)
contains.

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Color

Yxy(77.2888, 0.3048, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	E9E0F6
RGB	233, 224, 246
RGB Percent	91%, 88%, 96%
CMY	0.0865, 0.1215, 0.0352
CMYK	0.05, 0.09, 0.00, 0.04
HSL	264°, 55%, 92%
HSV	264°, 9%, 96%
XYZ	76.8852, 77.2888, 98.0740
YIQ	229.1990, -1.6980, 8.7500

Conversions

Conversions Part 2

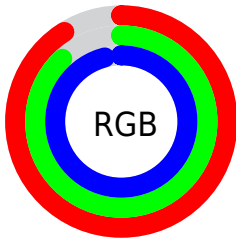
Format	Color
R _Y B	233, 224, 246
Decimal	15327478
CIE Lab	90.45, 7.02, -9.61
CIE LCh	90, 11.901, 306.162
Yxy	77.2888, 0.3048, 0.3064
Android (android.graphics.Color)	4293517558 (0xFFE9E0F6)
YUV	229.1990, 8.2829, 3.3335
Hunter-Lab	87.9140, 2.2575, -4.6022

Details

The Yxy color **77.2888, 0.3048, 0.3064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89.3303, 0.3201, 0.3514**, and the grayscale version is **78.4460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4408, 0.3025, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **62.6511, 0.2946, 0.2789**, and if you desaturate by 10%, it is **94.0502, 0.3136, 0.3315**.

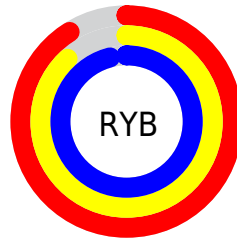
Distribution



Red (91%)

Green (88%)

Blue (96%)



Red (91%)

Yellow (88%)

Blue (96%)

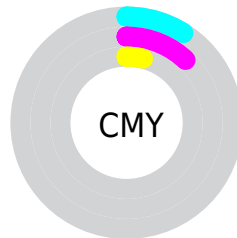


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2888, 0.3048, 0.3064 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 77.2888, 0.3048, 0.3064 by changing the saturation by 10% instead.

77.2888, 0.3048,
0.3064

77.2888, 0.3048,
0.3064

485.7481, 0.3085,
0.3166

57.4899, 0.3040,
0.3041

129.5471, 0.3061,
0.3099

41.3987, 0.3029,
0.3013

162.7753, 0.3066,
0.3113

28.6308, 0.3016,
0.2979

201.2487, 0.3070,
0.3125

18.8017, 0.2999,
0.2934

245.3518, 0.3074,
0.3135

11.5271, 0.2975,
0.2874

295.4688, 0.3077,
0.3144

6.4225, 0.2941,
0.2791

351.9843, 0.3080,

3.1037, 0.2888,

0.3152

0.2665

415.2826, 0.3082,
0.3160

■ 1.1861, 0.2794,
0.2458

■ 0.0503, 0.2201,
0.0505

■ 77.2888, 0.3048,
0.3064

■ 77.2888, 0.3048,
0.3064

■ 62.6511, 0.2946,
0.2789

■ 94.0502, 0.3136,
0.3315

■ 50.0404, 0.2828,
0.2494

■ 99.4354, 0.3179,
0.3376

■ 39.3674, 0.2696,
0.2185

■ 30.5318, 0.2552,
0.1872

■ 23.4241, 0.2400,
0.1572

■ 17.9229, 0.2246,
0.1299

■ 13.8901, 0.2097,
0.1073

■ 11.1629, 0.1963,
0.0904

■ 9.5019, 0.1848,
0.0795

Harmonies

Analogous

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



77.2888, 0.2929, 0.3057



77.2888, 0.3048, 0.3064



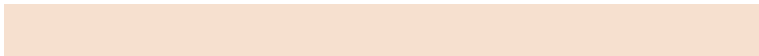
77.2888, 0.3190, 0.3128

Triad

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



77.2888, 0.3048, 0.3064



77.2888, 0.3397, 0.3464



77.2888, 0.2939, 0.3344

Complementary

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



77.2888, 0.3048, 0.3064



89.3303, 0.3201, 0.3514

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.



77.2888, 0.3060, 0.3460



77.2888, 0.3048, 0.3064



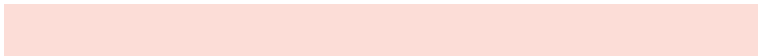
77.2888, 0.3326, 0.3528

Square

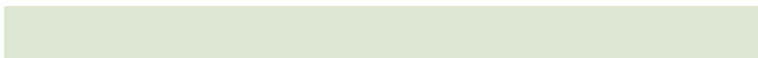
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2888, 0.3048, 0.3064



77.2888, 0.3394, 0.3356



77.2888, 0.3202, 0.3528



77.2888, 0.2868, 0.3215

Rectangle

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



77.2888, 0.3048, 0.3064



77.2888, 0.3279, 0.3196



77.2888, 0.3202, 0.3528



77.2888, 0.2975, 0.3386

Sweetspot

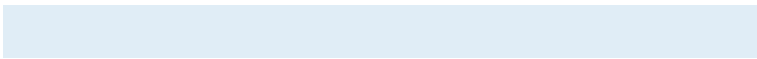
The Sweet Spot groups the original color and five complimentary colors.



77.2921, 0.3048, 0.3064



94.3640, 0.3102, 0.3216



83.2030, 0.2988, 0.3199



19.8831, 0.3095, 0.3196



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.



77.2921, 0.3048, 0.3064



80.3661, 0.3028, 0.3009



79.1784, 0.3122, 0.3069



16.2550, 0.3043, 0.3050



5.0701, 0.1854, 0.0795



0.5040, 0.1993, 0.0871

Inverse Universe

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



79.0385, 0.3196, 0.3158



82.6791, 0.3213, 0.3127



87.5141, 0.3131, 0.3519



16.6478, 0.3200, 0.3150



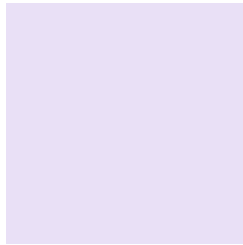
11.5966, 0.4565, 0.2289



1.0396, 0.4349, 0.2169

Previews

White Background



This preview shows how the Yxy color 77.2888, 0.3048, 0.3064 looks on a white background.

Color Contrast Check

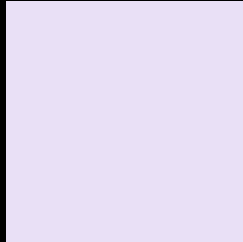
Large Text (above 18pt) WCAG AA × Fail

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 77.2888, 0.3048, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

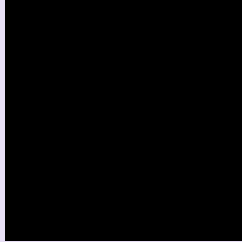
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

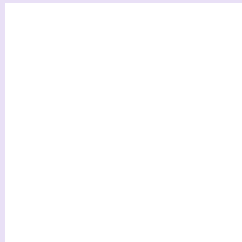
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2888, 0.3048, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 77.2888, 0.3048, 0.3064.

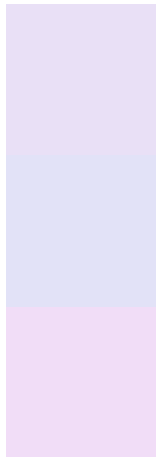


This preview shows how white text looks on a background with the Yxy color 77.2888, 0.3048, 0.3064.

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

77.2888, 0.3048, 0.3064

Protanopia

77.2769, 0.2995, 0.3072

Deuteranopia

77.1291, 0.3098, 0.3027



Tritanopia

77.4170, 0.3067, 0.3114

Trichromacy



Original Color

77.2888, 0.3048, 0.3064

Protanomaly

77.2238, 0.3015, 0.3063

Deuteranomaly

77.1351, 0.3077, 0.3036

Tritanomaly

77.4773, 0.3060, 0.3104

Monochromacy



Original Color

77.2888, 0.3048, 0.3064

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7593, 0.3097, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2888, 0.3048, 0.3064 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(233, 224, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 246)  
}
```

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(233, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 246) }
```

Border

The CSS property to change the border of an element to Yxy 77.2888, 0.3048, 0.3064 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(233, 224, 246) }
```

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

```
.border{ border-color:rgb(233, 224, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 224, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 224,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2888, 0.3048, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 246) }
```

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

```
.background{ background-color: rgb(233,  
224, 246) }
```

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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