

Converting Colors

$Yxy(68.3350, 0.3127, 0.3138)$

Have a look what the booklet for
Yxy(68.3350, 0.3127, 0.3138)
contains.

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Color

Yxy(68.5855, 0.3127, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	E1D4E2
RGB	225, 212, 226
RGB Percent	88%, 83%, 89%
CMY	0.1176, 0.1686, 0.1137
CMYK	0.00, 0.06, 0.00, 0.11
HSL	296°, 19%, 86%
HSV	296°, 6%, 89%
XYZ	68.3233, 68.5855, 81.5859
YIQ	217.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

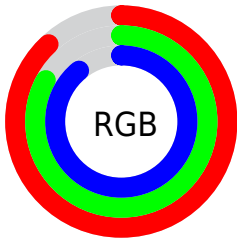
Format	Color
R _Y B	225, 212, 226
Decimal	14800098
CIE Lab	86.30, 6.96, -5.28
CIE LCh	86, 8.734, 322.812
Yxy	68.5855, 0.3127, 0.3139
Android (android.graphics.Color)	4292990178 (0xFFE1D4E2)
YUV	217.4830, 4.1989, 6.5924
Hunter-Lab	82.8164, 2.3334, -0.4377

Details

The Yxy color **68.5855, 0.3127, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2901, 0.3127, 0.3445**, and the grayscale version is **69.7078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6003, 0.3127, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **57.8132, 0.3125, 0.2888**, and if you desaturate by 10%, it is **80.9476, 0.3127, 0.3381**.

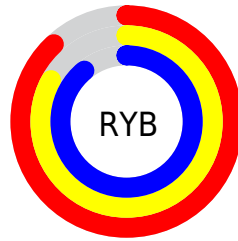
Distribution



Red (88%)

Green (83%)

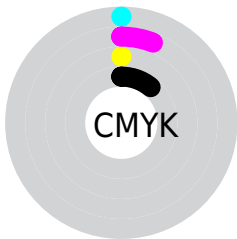
Blue (89%)



Red (88%)

Yellow (83%)

Blue (89%)

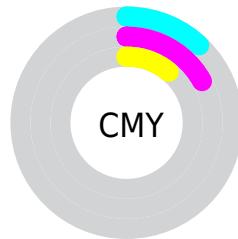


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (17%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5855, 0.3127, 0.3139 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 68.5855, 0.3127, 0.3139 by changing the saturation by 10% instead.


 68.5855, 0.3127,
0.3139

 68.5855, 0.3127,
0.3139


455.5677, 0.3127,
0.3209

 50.3742, 0.3127,
0.3123


117.1894, 0.3127,
0.3163

 35.7108, 0.3127,
0.3103


148.3507, 0.3127,
0.3173

 24.2109, 0.3126,
0.3078


184.5975, 0.3127,
0.3181

 15.4902, 0.3125,
0.3045

226.3142, 0.3127,
0.3188

 9.1641, 0.3124,
0.3001

273.8852, 0.3127,
0.3194

 4.8484, 0.3122,
0.2936

327.6949, 0.3127,

 2.1586, 0.3118,

0.3200

0.2834

388.1275, 0.3127,
0.3205

0.6973, 0.3121,
0.2614

0.0000, 0.0000,
0.0000

68.5855, 0.3127,
0.3139

68.5855, 0.3127,
0.3139

57.8132, 0.3125,
0.2888

80.9476, 0.3127,
0.3381

48.5564, 0.3122,
0.2633

93.5383, 0.3127,
0.3587

40.7483, 0.3116,
0.2382

93.8012, 0.3137,
0.3586

34.3134, 0.3108,
0.2145

94.0665, 0.3147,
0.3585

■ 29.1697, 0.3098,
0.1931

■ 94.3343, 0.3157,
0.3584

■ 25.2262, 0.3085,
0.1750

■ 94.6045, 0.3167,
0.3583

■ 22.3802, 0.3071,
0.1609

■ 94.8772, 0.3177,
0.3582

■ 20.5117, 0.3054,
0.1512

■ 95.1523, 0.3187,
0.3581

■ 19.4710, 0.3037,
0.1457

■ 95.4299, 0.3197,
0.3581

Harmonies

Analogous

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



68.5855, 0.3023, 0.3108



68.5855, 0.3127, 0.3139



68.5855, 0.3233, 0.3208

Triad

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



68.5855, 0.3127, 0.3139



68.5855, 0.3309, 0.3456



68.5855, 0.2947, 0.3276

Complementary

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



68.5855, 0.3127, 0.3139



73.2901, 0.3127, 0.3445

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.



68.5855, 0.3021, 0.3374



68.5855, 0.3127, 0.3139



68.5855, 0.3230, 0.3478

Square

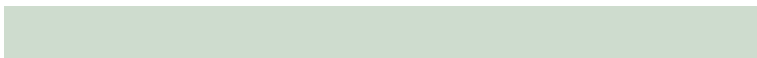
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5855, 0.3127, 0.3139



68.5855, 0.3339, 0.3390



68.5855, 0.3125, 0.3448



68.5855, 0.2920, 0.3185

Rectangle

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



68.5855, 0.3127, 0.3139



68.5855, 0.3290, 0.3268



68.5855, 0.3125, 0.3448



68.5855, 0.2967, 0.3310

Sweetspot

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



68.5885, 0.3127, 0.3139



96.7207, 0.3127, 0.3241



67.1624, 0.3033, 0.3148



20.7366, 0.3127, 0.3244



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.



68.5885, 0.3127, 0.3139



88.8966, 0.3127, 0.3118



68.4333, 0.3174, 0.3202



14.3357, 0.3127, 0.3105



10.9728, 0.3033, 0.1444



0.7756, 0.3062, 0.1460

Inverse Universe

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



68.0609, 0.3224, 0.3279



88.1126, 0.3239, 0.3278



73.4422, 0.3083, 0.3380



14.1996, 0.3248, 0.3277



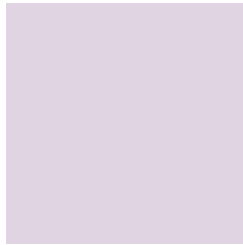
9.2519, 0.6321, 0.3256



0.6469, 0.6103, 0.3136

Previews

White Background



This preview shows how the Yxy color 68.5855, 0.3127, 0.3139 looks on a white background.

Color Contrast Check

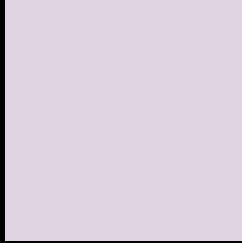
Large Text (above 18pt) WCAG AA × Fail

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 68.5855, 0.3127, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

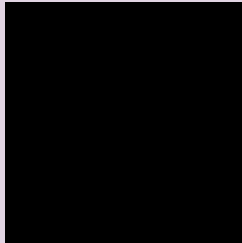
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

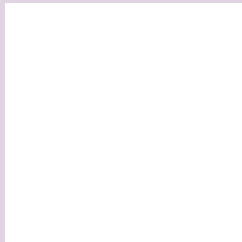
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5855, 0.3127, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 68.5855, 0.3127, 0.3139.

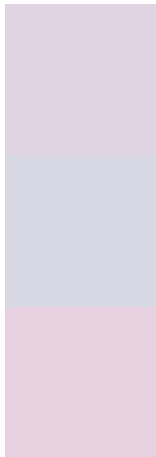


This preview shows how white text looks on a background with the Yxy color 68.5855, 0.3127, 0.3139.

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

68.5855, 0.3127, 0.3139

Protanopia

68.8012, 0.3048, 0.3147

Deuteranopia

68.7400, 0.3180, 0.3120



Tritanopia

68.6960, 0.3113, 0.3118

Trichromacy



Original Color

68.5855, 0.3127, 0.3139

Protanomaly

68.6993, 0.3076, 0.3148

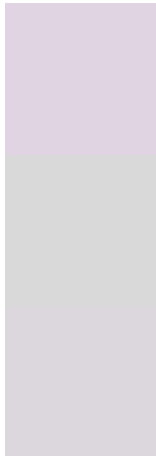
Deuteranomaly

68.7375, 0.3157, 0.3130

Tritanomaly

68.6406, 0.3120, 0.3128

Monochromacy



Original Color

68.5855, 0.3127, 0.3139

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.9838, 0.3130, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5855, 0.3127, 0.3139 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(225, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 212, 226)  
}
```

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(225, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 212, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.5855, 0.3127, 0.3139 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(225, 212, 226) }
```

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

```
.border{ border-color:rgb(225, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 212,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5855, 0.3127, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 212, 226) }
```

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

```
.background{ background-color: rgb(225,  
212, 226) }
```

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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