

Converting Colors

Yxy(68.3368, 0.3127, 0.3129)

Have a look what the booklet for
Yxy(68.3368, 0.3127, 0.3129)
contains.

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Color

Yxy(68.0871, 0.3127, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	E1D3E2
RGB	225, 211, 226
RGB Percent	88%, 83%, 89%
CMY	0.1178, 0.1725, 0.1137
CMYK	0.00, 0.07, 0.00, 0.11
HSL	296°, 21%, 86%
HSV	296°, 7%, 89%
XYZ	68.0653, 68.0871, 81.5173
YIQ	216.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

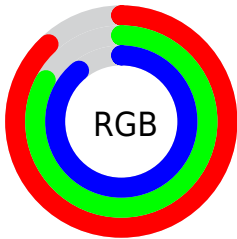
Format	Color
R _Y B	225, 211, 226
Decimal	14799842
CIE Lab	86.05, 7.46, -5.66
CIE LCh	86, 9.365, 322.845
Yxy	68.0871, 0.3127, 0.3128
Android (android.graphics.Color)	4292989922 (0xFFE1D3E2)
YUV	216.8960, 4.4883, 7.1072
Hunter-Lab	82.5149, 2.8409, -0.8128

Details

The Yxy color $68.0871, 0.3127, 0.3128$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.1138, 0.3127, 0.3457$, and the grayscale version is $69.2791, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.2633, 0.3127, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $57.3827, 0.3125, 0.2877$, and if you desaturate by 10%, it is $80.3787, 0.3127, 0.3370$.

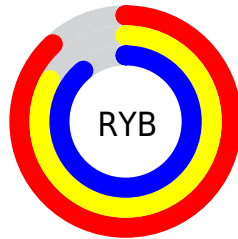
Distribution



Red (88%)

Green (83%)

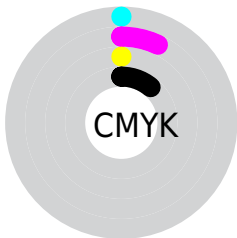
Blue (89%)



Red (88%)

Yellow (83%)

Blue (89%)

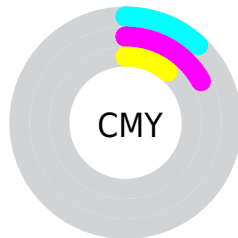


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0871, 0.3127, 0.3128 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 68.0871, 0.3127, 0.3128 by changing the saturation by 10% instead.

68.0871, 0.3127,
0.3128

68.0871, 0.3127,
0.3128

453.8046, 0.3128,
0.3203

49.9686, 0.3127,
0.3111

116.4767, 0.3127,
0.3154

35.3884, 0.3126,
0.3090

147.5167, 0.3127,
0.3164

23.9623, 0.3126,
0.3063

183.6325, 0.3127,
0.3173

15.3056, 0.3125,
0.3027

225.2087, 0.3127,
0.3181

9.0342, 0.3124,
0.2979

272.6296, 0.3127,
0.3187

4.7635, 0.3121,
0.2910

326.2796, 0.3127,

2.1092, 0.3116,

0.3193

0.2800

386.5431, 0.3128,
0.3198

0.6698, 0.3122,
0.2554

0.0000, 0.0000,
0.0000

68.0871, 0.3127,
0.3128

68.0871, 0.3127,
0.3128

57.3827, 0.3125,
0.2877

80.3787, 0.3127,
0.3370

48.1911, 0.3122,
0.2622

93.5294, 0.3126,
0.3587

40.4452, 0.3116,
0.2371

93.7911, 0.3136,
0.3586

34.0694, 0.3108,
0.2135

94.0552, 0.3146,
0.3585

■ 28.9811, 0.3098,
0.1922

■ 94.3217, 0.3156,
0.3584

■ 25.0889, 0.3085,
0.1743

■ 94.5907, 0.3166,
0.3583

■ 22.2895, 0.3070,
0.1604

■ 94.8621, 0.3176,
0.3582

■ 20.4619, 0.3054,
0.1509

■ 95.1358, 0.3186,
0.3581

■ 19.4523, 0.3037,
0.1456

■ 95.4121, 0.3197,
0.3580

Harmonies

Analogous

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



68.0871, 0.3015, 0.3095



68.0871, 0.3127, 0.3128



68.0871, 0.3241, 0.3202

Triad

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



68.0871, 0.3127, 0.3128



68.0871, 0.3323, 0.3468



68.0871, 0.2933, 0.3275

Complementary

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



68.0871, 0.3127, 0.3128



73.1138, 0.3127, 0.3457

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.



68.0871, 0.3013, 0.3380



68.0871, 0.3127, 0.3128



68.0871, 0.3238, 0.3492

Square

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



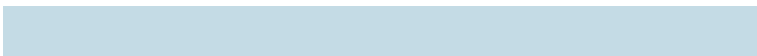
68.0871, 0.3127, 0.3128



68.0871, 0.3355, 0.3397



68.0871, 0.3124, 0.3460



68.0871, 0.2905, 0.3177

Rectangle

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



68.0871, 0.3127, 0.3128



68.0871, 0.3302, 0.3266



68.0871, 0.3124, 0.3460



68.0871, 0.2955, 0.3311

Sweetspot

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



68.0900, 0.3127, 0.3128



96.7210, 0.3127, 0.3241



66.5638, 0.3026, 0.3137



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.



68.0900, 0.3127, 0.3128



87.3964, 0.3127, 0.3093



67.9233, 0.3178, 0.3195



13.8840, 0.3127, 0.3058



10.9785, 0.3034, 0.1445



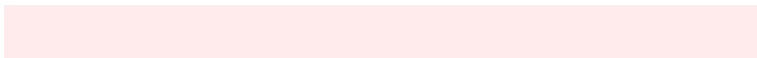
0.7759, 0.3062, 0.1461

Inverse Universe

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



67.5255, 0.3232, 0.3279



86.5061, 0.3256, 0.3276



73.2769, 0.3079, 0.3387



13.7161, 0.3281, 0.3274



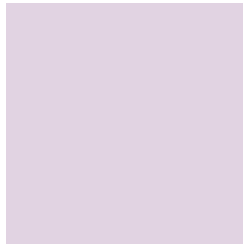
9.2518, 0.6322, 0.3256



0.6469, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 68.0871, 0.3127, 0.3128 looks on a white background.

Color Contrast Check

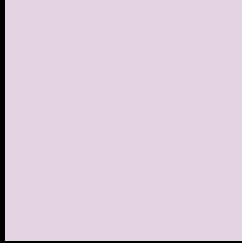
Large Text (above 18pt) WCAG AA × Fail

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 68.0871, 0.3127, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

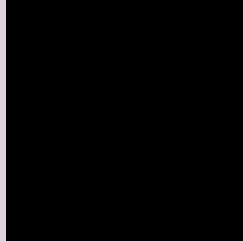
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

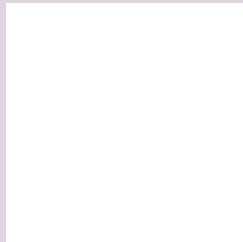
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0871, 0.3127, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 68.0871, 0.3127, 0.3128.

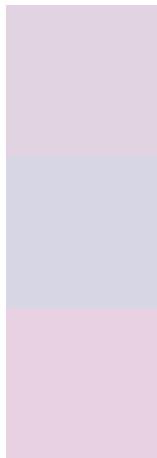


This preview shows how white text looks on a background with the Yxy color 68.0871, 0.3127, 0.3128.

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

68.0871, 0.3127, 0.3128

Protanopia

68.1416, 0.3041, 0.3136

Deuteranopia

68.0808, 0.3173, 0.3109



Tritanopia

68.1421, 0.3121, 0.3117

Trichromacy



Original Color

68.0871, 0.3127, 0.3128

Protanomaly

68.1946, 0.3076, 0.3137

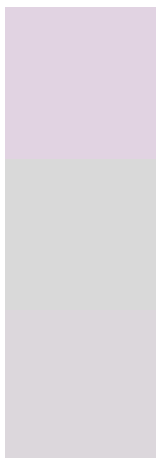
Deuteranomaly

68.2422, 0.3157, 0.3119

Tritanomaly

68.1421, 0.3121, 0.3117

Monochromacy



Original Color

68.0871, 0.3127, 0.3128

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 68.0871, 0.3127, 0.3128 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, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 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, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.0871, 0.3127, 0.3128 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, 211, 226) }
```

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

```
.border{ border-color:rgb(225, 211, 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, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0871, 0.3127, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 226) }
```

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

```
.background{ background-color: rgb(225,  
211, 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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