

Converting Colors

Yxy(67.9070, 0.3143, 0.3078)

Have a look what the booklet for
Yxy(67.9070, 0.3143, 0.3078)
contains.

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Color

Yxy(68.0811, 0.3145, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	E6D1E5
RGB	230, 209, 229
RGB Percent	90%, 82%, 90%
CMY	0.0979, 0.1804, 0.1020
CMYK	0.00, 0.09, 0.00, 0.10
HSL	303°, 30%, 86%
HSV	303°, 9%, 90%
XYZ	69.5857, 68.0811, 83.5913
YIQ	217.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

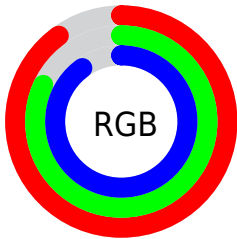
Format	Color
R _Y B	230, 209, 229
Decimal	15127013
CIE Lab	86.05, 10.78, -7.19
CIE LCh	86, 12.960, 326.310
Yxy	68.0811, 0.3145, 0.3077
Android (android.graphics.Color)	4293317093 (0xFFE6D1E5)
YUV	217.5590, 5.6404, 10.9108
Hunter-Lab	82.5113, 6.1428, -2.3082

Details

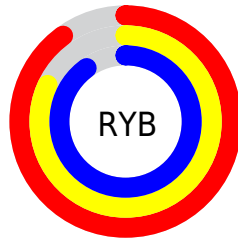
The Yxy color `68.0811, 0.3145, 0.3077` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.8297, 0.3109, 0.3513`, and the grayscale version is `69.7537, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `35.4974, 0.3140, 0.3027` is the 20% darker color. If you saturate the color by 10%, you get `57.5350, 0.3166, 0.2838`, and if you desaturate by 10%, it is `80.2633, 0.3126, 0.3309`.

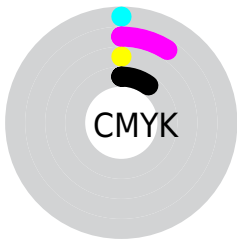
Distribution



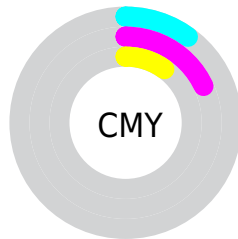
- Red (90%)
- Green (82%)
- Blue (90%)



- Red (90%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0811, 0.3145, 0.3077 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 68.0811, 0.3145, 0.3077 by changing the saturation by 10% instead.

 68.0811, 0.3145,
0.3077

 68.0811, 0.3145,
0.3077


453.7833, 0.3137,
0.3175

 49.9637, 0.3147,
0.3055


116.4682, 0.3142,
0.3111

 35.3846, 0.3148,
0.3027


147.5066, 0.3141,
0.3124

 23.9593, 0.3151,
0.2992


183.6209, 0.3141,
0.3136

 15.3034, 0.3153,
0.2947

225.1954, 0.3140,
0.3146

 9.0326, 0.3157,
0.2885

272.6145, 0.3139,
0.3154

 4.7625, 0.3161,
0.2796

326.2626, 0.3138,

 2.1086, 0.3165,

0.3162

0.2658

386.5240, 0.3138,
0.3169

0.6694, 0.3186,
0.2368

0.0000, 0.0000,
0.0000

68.0811, 0.3145,
0.3077

68.0811, 0.3145,
0.3077

57.5350, 0.3166,
0.2838

80.2633, 0.3126,
0.3309

48.5467, 0.3189,
0.2599

94.1375, 0.3108,
0.3530

41.0446, 0.3213,
0.2368

94.2033, 0.3102,
0.3518

34.9480, 0.3237,
0.2155

94.2695, 0.3095,
0.3507

30.1687, 0.3261,
0.1968

94.3362, 0.3088,
0.3495

26.6084, 0.3284,
0.1817

94.4033, 0.3082,
0.3483

24.1552, 0.3305,
0.1708

94.4709, 0.3075,
0.3471

22.6764, 0.3324,
0.1643

94.5389, 0.3069,
0.3459

21.9643, 0.3340,
0.1616

94.6073, 0.3062,
0.3447

Harmonies

Analogous

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



68.0811, 0.2988, 0.3024



68.0811, 0.3145, 0.3077



68.0811, 0.3301, 0.3184

Triad

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



68.0811, 0.3145, 0.3077



68.0811, 0.3387, 0.3544



68.0811, 0.2851, 0.3251

Complementary

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



68.0811, 0.3145, 0.3077



74.8297, 0.3109, 0.3513

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.



68.0811, 0.2954, 0.3398



68.0811, 0.3145, 0.3077



68.0811, 0.3262, 0.3570

Square

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



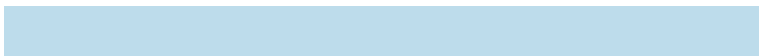
68.0811, 0.3145, 0.3077



68.0811, 0.3443, 0.3450



68.0811, 0.3103, 0.3517



68.0811, 0.2822, 0.3119

Rectangle

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



68.0811, 0.3145, 0.3077



68.0811, 0.3381, 0.3272



68.0811, 0.3103, 0.3517



68.0811, 0.2878, 0.3300

Sweetspot

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



68.0840, 0.3145, 0.3077



95.1910, 0.3133, 0.3221



65.0209, 0.2993, 0.3056



20.1067, 0.3134, 0.3202



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.



68.0840, 0.3145, 0.3077



83.3002, 0.3149, 0.3032



67.5141, 0.3219, 0.3188



14.6020, 0.3146, 0.3070



12.4080, 0.3339, 0.1613



0.9208, 0.3318, 0.1602

Inverse Universe

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



68.0840, 0.3145, 0.3077



83.3002, 0.3149, 0.3032



75.3716, 0.3044, 0.3394



14.6020, 0.3146, 0.3070



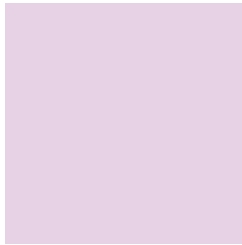
12.4080, 0.3339, 0.1613



0.9208, 0.3318, 0.1602

Previews

White Background



This preview shows how the Yxy color 68.0811, 0.3145, 0.3077 looks on a white background.

Color Contrast Check

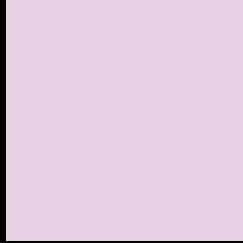
Large Text (above 18pt) WCAG AA × Fail

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 68.0811, 0.3145, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

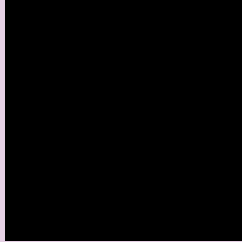
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

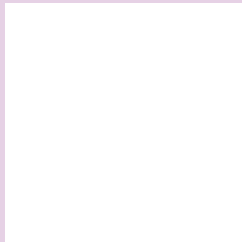
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0811, 0.3145, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 68.0811, 0.3145, 0.3077.



This preview shows how white text looks on a background with the Yxy color 68.0811, 0.3145, 0.3077.

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

68.0811, 0.3145, 0.3077

Protanopia

68.2155, 0.3008, 0.3093

Deuteranopia

68.0811, 0.3145, 0.3077



Tritanopia

67.9149, 0.3165, 0.3108

Trichromacy



Original Color

68.0811, 0.3145, 0.3077

Protanomaly

68.0721, 0.3057, 0.3084

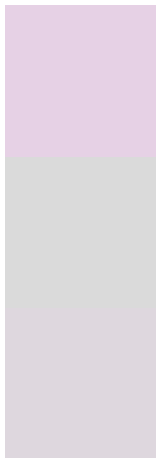
Deuteranomaly

68.0811, 0.3145, 0.3077

Tritanomaly

67.9700, 0.3158, 0.3098

Monochromacy



Original Color

68.0811, 0.3145, 0.3077

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4044, 0.3131, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0811, 0.3145, 0.3077 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(230, 209, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 209, 229)  
}
```

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(230, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 209, 229) }
```

Border

The CSS property to change the border of an element to Yxy 68.0811, 0.3145, 0.3077 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(230, 209, 229) }
```

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

```
.border{ border-color:rgb(230, 209, 229) }
```

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

Here you see how a box with a 4 pixel rgb(230, 209, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 209,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0811, 0.3145, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 209, 229) }
```

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

```
.background{ background-color: rgb(230,  
209, 229) }
```

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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