

Converting Colors

Yxy(68.5276, 0.3156, 0.3139)

Have a look what the booklet for
Yxy(68.5276, 0.3156, 0.3139)
contains.

Yxy(68.5188, 0.3156, 0.3140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.5188, 0.3156, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	E4D3E1
RGB	228, 211, 225
RGB Percent	89%, 83%, 88%
CMY	0.1061, 0.1725, 0.1177
CMYK	0.00, 0.07, 0.01, 0.11
HSL	310°, 24%, 86%
HSV	310°, 7%, 89%
XYZ	68.8679, 68.5188, 80.8260
YIQ	217.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

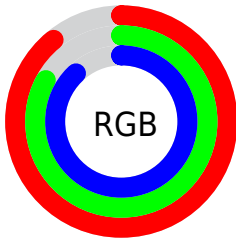
Format	Color
R _Y B	228, 211, 225
Decimal	14996449
CIE Lab	86.27, 8.29, -4.77
CIE LCh	86, 9.563, 330.076
Yxy	68.5188, 0.3156, 0.3140
Android (android.graphics.Color)	4293186529 (0xFFE4D3E1)
YUV	217.6790, 3.6093, 9.0515
Hunter-Lab	82.7761, 3.6501, 0.0500

Details

The Yxy color **68.5188, 0.3156, 0.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1673, 0.3100, 0.3445**, and the grayscale version is **69.8483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5635, 0.3166, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **57.7709, 0.3200, 0.2931**, and if you desaturate by 10%, it is **80.8839, 0.3118, 0.3341**.

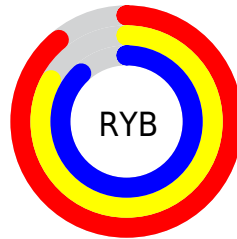
Distribution



Red (89%)

Green (83%)

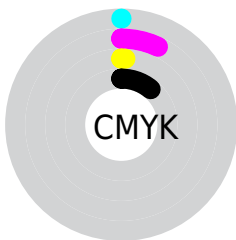
Blue (88%)



Red (89%)

Yellow (83%)

Blue (88%)

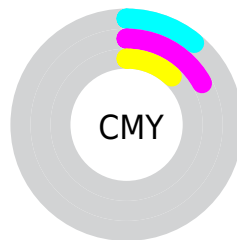


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5188, 0.3156, 0.3140 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 68.5188, 0.3156, 0.3140 by changing the saturation by 10% instead.

 68.5188, 0.3156,
0.3140

 68.5188, 0.3156,
0.3140

455.3320, 0.3143,
0.3209

 50.3199, 0.3159,
0.3124


117.0940, 0.3152,
0.3164

 35.6677, 0.3163,
0.3105

148.2391, 0.3150,
0.3173

 24.1776, 0.3167,
0.3080

184.4685, 0.3148,
0.3182

 15.4654, 0.3173,
0.3047

226.1664, 0.3147,
0.3189

 9.1467, 0.3181,
0.3003

273.7173, 0.3146,
0.3195

 4.8370, 0.3192,
0.2938

327.5056, 0.3145,

 2.1519, 0.3208,

0.3200

0.2837

387.9157, 0.3144,
0.3205

0.6936, 0.3252,
0.2618

0.0000, 0.0000,
0.0000

68.5188, 0.3156,
0.3140

68.5188, 0.3156,
0.3140

57.7709, 0.3200,
0.2931

80.8839, 0.3118,
0.3341

48.5639, 0.3250,
0.2719

93.8873, 0.3086,
0.3514

40.8288, 0.3306,
0.2511

94.1174, 0.3063,
0.3473

34.4878, 0.3367,
0.2314

94.3527, 0.3041,
0.3432

■ 29.4561, 0.3433,
0.2138

■ 94.5932, 0.3019,
0.3391

■ 25.6393, 0.3501,
0.1995

■ 94.8389, 0.2997,
0.3351

■ 22.9308, 0.3569,
0.1891

■ 95.0899, 0.2975,
0.3311

■ 21.2051, 0.3636,
0.1833

■ 95.2264, 0.2964,
0.3290

■ 20.2947, 0.3699,
0.1820

Harmonies

Analogous

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



68.5188, 0.3038, 0.3095



68.5188, 0.3156, 0.3140



68.5188, 0.3268, 0.3223

Triad

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



68.5188, 0.3156, 0.3140



68.5188, 0.3310, 0.3483



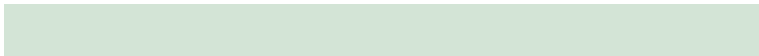
68.5188, 0.2917, 0.3249

Complementary

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



68.5188, 0.3156, 0.3140



74.1673, 0.3100, 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.



68.5188, 0.2987, 0.3357



68.5188, 0.3156, 0.3140



68.5188, 0.3213, 0.3494

Square

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



68.5188, 0.3156, 0.3140



68.5188, 0.3357, 0.3420



68.5188, 0.3095, 0.3447



68.5188, 0.2902, 0.3155

Rectangle

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



68.5188, 0.3156, 0.3140



68.5188, 0.3323, 0.3291



68.5188, 0.3095, 0.3447



68.5188, 0.2935, 0.3285

Sweetspot

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



68.5218, 0.3156, 0.3140



96.7318, 0.3135, 0.3250



66.4709, 0.3033, 0.3103



20.7388, 0.3134, 0.3252



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.



68.5218, 0.3156, 0.3140



85.9659, 0.3163, 0.3107



68.0781, 0.3214, 0.3229



14.5697, 0.3164, 0.3098



11.6409, 0.3706, 0.1815



0.8716, 0.3621, 0.1768

Inverse Universe

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



68.5218, 0.3156, 0.3140



85.9659, 0.3163, 0.3107



74.6039, 0.3047, 0.3352



14.5697, 0.3164, 0.3098



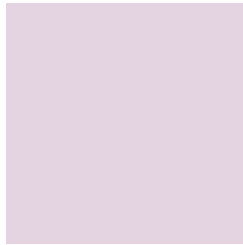
11.6409, 0.3706, 0.1815



0.8716, 0.3621, 0.1768

Previews

White Background



This preview shows how the Yxy color 68.5188, 0.3156, 0.3140 looks on a white background.

Color Contrast Check

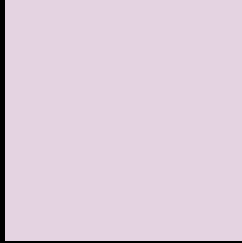
Large Text (above 18pt) WCAG AA × Fail

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 68.5188, 0.3156, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

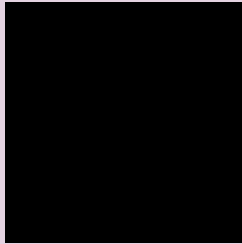
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

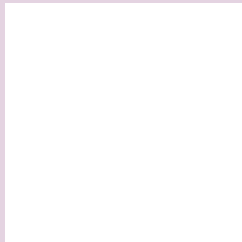
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5188, 0.3156, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 68.5188, 0.3156, 0.3140.

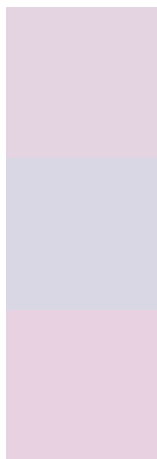


This preview shows how white text looks on a background with the Yxy color 68.5188, 0.3156, 0.3140.

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

68.5188, 0.3156, 0.3140

Protanopia

68.7459, 0.3054, 0.3158

Deuteranopia

68.1930, 0.3187, 0.3120



Tritanopia

68.6286, 0.3143, 0.3119

Trichromacy



Original Color

68.5188, 0.3156, 0.3140

Protanomaly

68.7998, 0.3090, 0.3159

Deuteranomaly

68.5184, 0.3179, 0.3130

Tritanomaly

68.5735, 0.3149, 0.3129

Monochromacy



Original Color

68.5188, 0.3156, 0.3140

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.3509, 0.3137, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5188, 0.3156, 0.3140 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(228, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 225)  
}
```

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(228, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 225) }
```

Border

The CSS property to change the border of an element to Yxy 68.5188, 0.3156, 0.3140 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(228, 211, 225) }
```

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

```
.border{ border-color:rgb(228, 211, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5188, 0.3156, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 225) }
```

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

```
.background{ background-color: rgb(228,  
211, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor