

Converting Colors

Yxy(68.4314, 0.3144, 0.3144)

Have a look what the booklet for
Yxy(68.4314, 0.3144, 0.3144)
contains.

Yxy(68.1935, 0.3142, 0.3139)	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(68.1935, 0.3142, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	E2D3E1
RGB	226, 211, 225
RGB Percent	89%, 83%, 88%
CMY	0.1135, 0.1726, 0.1177
CMYK	0.00, 0.07, 0.00, 0.11
HSL	304°, 21%, 86%
HSV	304°, 7%, 89%
XYZ	68.2587, 68.1935, 80.7938
YIQ	217.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

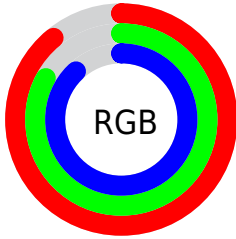
Format	Color
R _Y B	226, 211, 225
Decimal	14865377
CIE Lab	86.10, 7.66, -5.03
CIE LCh	86, 9.160, 326.725
Yxy	68.1935, 0.3142, 0.3139
Android (android.graphics.Color)	4293055457 (0xFFE2D3E1)
YUV	217.0810, 3.9041, 7.8220
Hunter-Lab	82.5794, 3.0312, -0.2024

Details

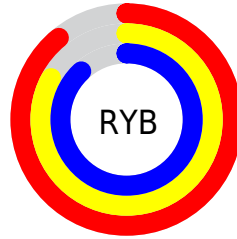
The Yxy color **68.1935, 0.3142, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0216, 0.3113, 0.3446**, and the grayscale version is **69.4220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3371, 0.3146, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **57.6582, 0.3166, 0.2906**, and if you desaturate by 10%, it is **80.3148, 0.3120, 0.3364**.

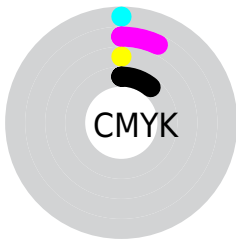
Distribution



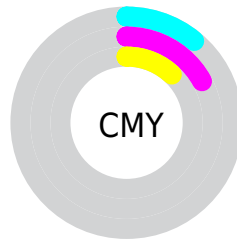
- Red (89%)
- Green (83%)
- Blue (88%)



- Red (89%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1935, 0.3142, 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 68.1935, 0.3142, 0.3139 by changing the saturation by 10% instead.

 68.1935, 0.3142,
0.3139

 68.1935, 0.3142,
0.3139


454.1813, 0.3135,
0.3209

 50.0552, 0.3143,
0.3123

116.6289, 0.3140,
0.3163

 35.4572, 0.3145,
0.3103


147.6948, 0.3139,
0.3173

 24.0153, 0.3147,
0.3078


183.8386, 0.3138,
0.3181

 15.3450, 0.3150,
0.3045

225.4449, 0.3137,
0.3188

 9.0619, 0.3153,
0.3000

272.8978, 0.3137,
0.3194

 4.7815, 0.3158,
0.2935

326.5820, 0.3136,

 2.1197, 0.3164,

0.3200

0.2833

386.8817, 0.3136,
0.3205

0.6757, 0.3193,
0.2602

0.0000, 0.0000,
0.0000

68.1935, 0.3142,
0.3139

68.1935, 0.3142,
0.3139

57.6582, 0.3166,
0.2906

80.3148, 0.3120,
0.3364

48.6344, 0.3193,
0.2671

93.3065, 0.3101,
0.3565

41.0551, 0.3221,
0.2441

93.3948, 0.3092,
0.3549

34.8444, 0.3251,
0.2225

93.4839, 0.3083,
0.3532

■ 29.9200, 0.3281,
0.2034

■ 93.5739, 0.3074,
0.3516

■ 26.1902, 0.3311,
0.1875

■ 93.6646, 0.3066,
0.3499

■ 23.5518, 0.3339,
0.1757

■ 93.7562, 0.3057,
0.3483

■ 21.8835, 0.3365,
0.1682

■ 93.8485, 0.3048,
0.3466

■ 21.0314, 0.3388,
0.1650

■ 93.9417, 0.3039,
0.3450

Harmonies

Analogous

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



68.1935, 0.3031, 0.3101



68.1935, 0.3142, 0.3139



68.1935, 0.3251, 0.3216

Triad

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



68.1935, 0.3142, 0.3139



68.1935, 0.3310, 0.3470



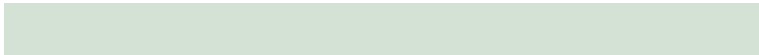
68.1935, 0.2931, 0.3262

Complementary

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



68.1935, 0.3142, 0.3139



73.0216, 0.3113, 0.3446

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.



68.1935, 0.3003, 0.3365



68.1935, 0.3142, 0.3139



68.1935, 0.3222, 0.3487

Square

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



68.1935, 0.3142, 0.3139



68.1935, 0.3349, 0.3406



68.1935, 0.3109, 0.3448



68.1935, 0.2910, 0.3169

Rectangle

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



68.1935, 0.3142, 0.3139



68.1935, 0.3307, 0.3280



68.1935, 0.3109, 0.3448



68.1935, 0.2950, 0.3297

Sweetspot

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



68.1964, 0.3142, 0.3139



96.7661, 0.3132, 0.3245



66.0741, 0.3033, 0.3122



20.7458, 0.3131, 0.3247



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.



68.1964, 0.3142, 0.3139



87.5763, 0.3145, 0.3107



67.7972, 0.3194, 0.3219



13.9182, 0.3149, 0.3075



11.8917, 0.3392, 0.1642



0.8293, 0.3361, 0.1625

Inverse Universe

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



68.1964, 0.3142, 0.3139



87.5763, 0.3145, 0.3107



73.4080, 0.3065, 0.3362



13.9182, 0.3149, 0.3075



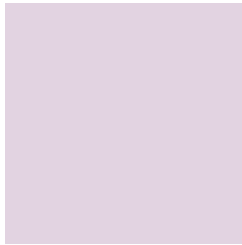
11.8917, 0.3392, 0.1642



0.8293, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 68.1935, 0.3142, 0.3139 looks on a white background.

Color Contrast Check

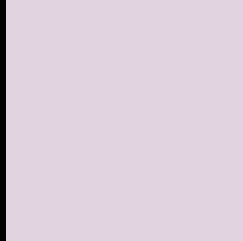
Large Text (above 18pt) WCAG AA × Fail

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 68.1935, 0.3142, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

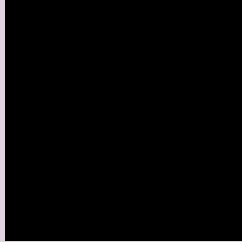
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

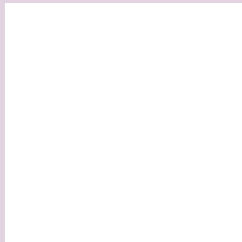
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1935, 0.3142, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 68.1935, 0.3142, 0.3139.

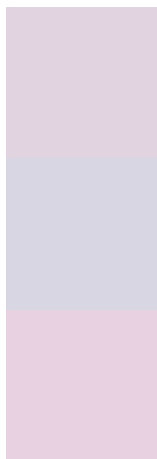


This preview shows how white text looks on a background with the Yxy color 68.1935, 0.3142, 0.3139.

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

68.1935, 0.3142, 0.3139

Protanopia

68.2381, 0.3055, 0.3147

Deuteranopia

68.1930, 0.3187, 0.3120



Tritanopia

68.3033, 0.3128, 0.3118

Trichromacy



Original Color

68.1935, 0.3142, 0.3139

Protanomaly

68.2951, 0.3090, 0.3148

Deuteranomaly

68.3524, 0.3172, 0.3130

Tritanomaly

68.2483, 0.3135, 0.3128

Monochromacy



Original Color

68.1935, 0.3142, 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 68.1935, 0.3142, 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(226, 211, 225)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 68.1935, 0.3142, 0.3139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

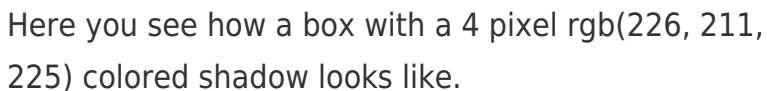
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 211, 225) }
```

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

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

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


Background

The CSS property to change the background color of an element to Yxy 68.1935, 0.3142, 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(226, 211, 225) }
```

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

```
.background{ background-color: rgb(226,  
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