

Converting Colors

$Yxy(68.9485, 0.3185, 0.3255)$

Have a look what the booklet for
Yxy(68.9485, 0.3185, 0.3255)
contains.

Yxy(69.1104, 0.3187, 0.3258)	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(69.1104, 0.3187, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	E1D6D9
RGB	225, 214, 217
RGB Percent	88%, 84%, 85%
CMY	0.1179, 0.1607, 0.1491
CMYK	0.00, 0.05, 0.04, 0.12
HSL	344°, 15%, 86%
HSV	344°, 5%, 88%
XYZ	67.6043, 69.1104, 75.4105
YIQ	217.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

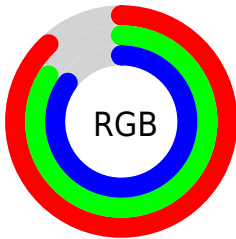
Format	Color
RYP	225, 214, 217
Decimal	14800601
CIELab	86.56, 4.26, -0.13
CIElCh	87, 4.261, 358.305
Yxy	69.1104, 0.3187, 0.3258
Android (android.graphics.Color)	4292990681 (0xFFE1D6D9)
YUV	217.6310, -0.3111, 6.4626
Hunter-Lab	83.1327, -0.3242, 4.4103

Details

The Yxy color **69.1104, 0.3187, 0.3258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3865, 0.3071, 0.3322**, and the grayscale version is **69.8385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9510, 0.3207, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **57.6901, 0.3331, 0.3189**, and if you desaturate by 10%, it is **82.1936, 0.3070, 0.3323**.

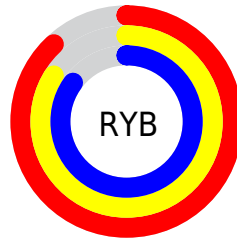
Distribution



Red (88%)

Green (84%)

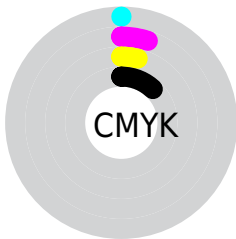
Blue (85%)



Red (88%)

Yellow (84%)

Blue (85%)

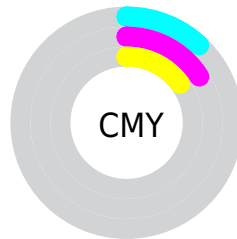


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1104, 0.3187, 0.3258 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 69.1104, 0.3187, 0.3258 by changing the saturation by 10% instead.

■ 69.1104, 0.3187,
0.3258

■ 69.1104, 0.3187,
0.3258

457.4203, 0.3159,
0.3273

■ 50.8016, 0.3193,
0.3255

117.9392, 0.3177,
0.3263

■ 36.0508, 0.3201,
0.3250

149.2281, 0.3173,
0.3265

■ 24.4734, 0.3212,
0.3245

185.6125, 0.3170,
0.3267

■ 15.6852, 0.3225,
0.3237

227.4767, 0.3167,
0.3269

■ 9.3016, 0.3244,
0.3227

275.2052, 0.3165,
0.3270

■ 4.9385, 0.3271,
0.3213

329.1823, 0.3163,

■ 2.2112, 0.3315,

0.3271

389.7926, 0.3161,
0.3272

0.3189

0.7261, 0.3423,
0.3130

0.0000, 0.0000,
0.0000

69.1104, 0.3187,
0.3258

69.1104, 0.3187,
0.3258

57.6901, 0.3331,
0.3189

82.1936, 0.3070,
0.3323

47.8572, 0.3509,
0.3116

94.4046, 0.2974,
0.3342

39.5438, 0.3726,
0.3042

94.7365, 0.2946,
0.3289

32.6734, 0.3988,
0.2971

■ 27.1631, 0.4298,
0.2911

■ 22.9212, 0.4651,
0.2870

■ 19.8447, 0.5030,
0.2862

■ 17.8143, 0.5407,
0.2895

■ 16.6846, 0.5743,
0.2972

Harmonies

Analogous

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



69.1104, 0.3137, 0.3221



69.1104, 0.3187, 0.3258



69.1104, 0.3221, 0.3304

Triad

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



69.1104, 0.3187, 0.3258



69.1104, 0.3169, 0.3380



69.1104, 0.3026, 0.3233

Complementary

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



69.1104, 0.3187, 0.3258



73.3865, 0.3071, 0.3322

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.



69.1104, 0.3035, 0.3275



69.1104, 0.3187, 0.3258



69.1104, 0.3117, 0.3361

Square

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



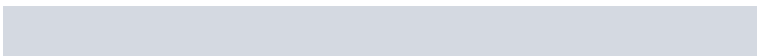
69.1104, 0.3187, 0.3258



69.1104, 0.3210, 0.3375



69.1104, 0.3068, 0.3323



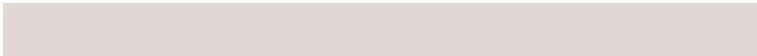
69.1104, 0.3045, 0.3206

Rectangle

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



69.1104, 0.3187, 0.3258



69.1104, 0.3230, 0.3333



69.1104, 0.3068, 0.3323



69.1104, 0.3026, 0.3246

Sweetspot

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



69.1134, 0.3187, 0.3258



98.2646, 0.3139, 0.3283



69.0452, 0.3110, 0.3172



21.0510, 0.3139, 0.3284



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.



69.1134, 0.3187, 0.3258



89.9261, 0.3203, 0.3250



70.1656, 0.3205, 0.3316



14.4788, 0.3210, 0.3246



9.4352, 0.5853, 0.2998



0.6688, 0.5412, 0.2755

Inverse Universe

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



69.1134, 0.3187, 0.3258



89.9261, 0.3203, 0.3250



72.2785, 0.3052, 0.3264



14.4788, 0.3210, 0.3246



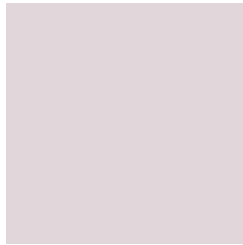
9.4352, 0.5853, 0.2998



0.6688, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 69.1104, 0.3187, 0.3258 looks on a white background.

Color Contrast Check

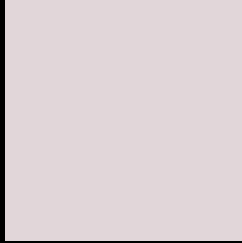
Large Text (above 18pt) WCAG AA × Fail

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 69.1104, 0.3187, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

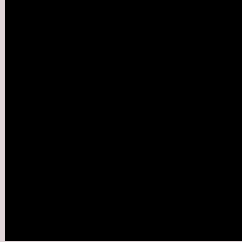
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

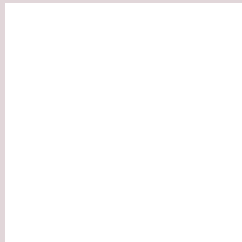
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1104, 0.3187, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 69.1104, 0.3187, 0.3258.

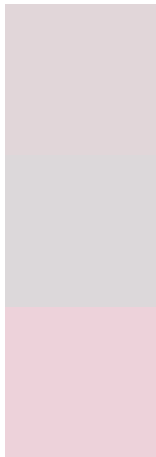


This preview shows how white text looks on a background with the Yxy color 69.1104, 0.3187, 0.3258.

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

69.1104, 0.3187, 0.3258

Protanopia

69.3893, 0.3143, 0.3268

Deuteranopia

69.1597, 0.3274, 0.3206



Tritanopia

69.0750, 0.3121, 0.3108

Trichromacy



Original Color

69.1104, 0.3187, 0.3258

Protanomaly

69.1924, 0.3158, 0.3257

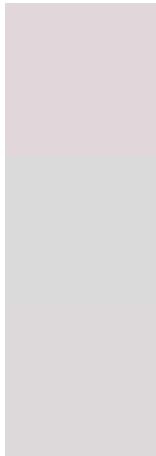
Deuteranomaly

68.9741, 0.3243, 0.3216

Tritanomaly

69.1935, 0.3141, 0.3161

Monochromacy



Original Color

69.1104, 0.3187, 0.3258

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0598, 0.3149, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1104, 0.3187, 0.3258 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, 214, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 217)  
}
```

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, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 217) }
```

Border

The CSS property to change the border of an element to Yxy 69.1104, 0.3187, 0.3258 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, 214, 217) }
```

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

```
.border{ border-color:rgb(225, 214, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(225, 214,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1104, 0.3187, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 217) }
```

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

```
.background{ background-color: rgb(225,  
214, 217) }
```

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