

Converting Colors

Yxy(68.3909, 0.3146, 0.3150)

Have a look what the booklet for
Yxy(68.3909, 0.3146, 0.3150)
contains.

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Color

Yxy(68.1391, 0.3148, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	E2D3E0
RGB	226, 211, 224
RGB Percent	89%, 83%, 88%
CMY	0.1140, 0.1724, 0.1216
CMYK	0.00, 0.07, 0.01, 0.11
HSL	308°, 20%, 86%
HSV	308°, 7%, 89%
XYZ	68.0958, 68.1391, 80.0797
YIQ	216.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

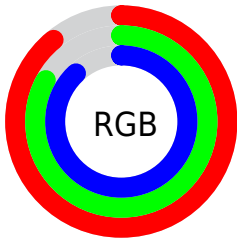
Format	Color
R _Y B	226, 211, 224
Decimal	14865376
CIE Lab	86.08, 7.42, -4.54
CIE LCh	86, 8.696, 328.549
Yxy	68.1391, 0.3148, 0.3150
Android (android.graphics.Color)	4293055456 (0xFFE2D3E0)
YUV	216.9670, 3.4673, 7.9219
Hunter-Lab	82.5464, 2.7956, 0.2643

Details

The Yxy color **68.1391, 0.3148, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0108, 0.3107, 0.3434**, and the grayscale version is **69.3337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2994, 0.3155, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **57.5342, 0.3183, 0.2931**, and if you desaturate by 10%, it is **80.3304, 0.3117, 0.3360**.

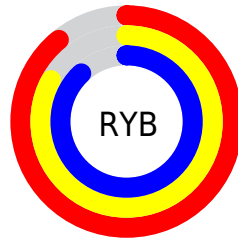
Distribution



Red (89%)

Green (83%)

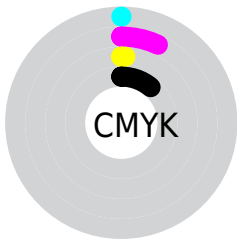
Blue (88%)



Red (89%)

Yellow (83%)

Blue (88%)

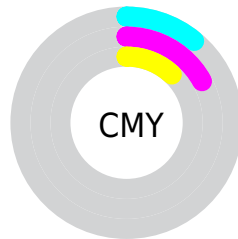


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1391, 0.3148, 0.3150 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 68.1391, 0.3148, 0.3150 by changing the saturation by 10% instead.

68.1391, 0.3148,
0.3150

68.1391, 0.3148,
0.3150

453.9887, 0.3139,
0.3215

50.0109, 0.3150,
0.3135

116.5511, 0.3145,
0.3173

35.4221, 0.3153,
0.3117

147.6037, 0.3144,
0.3181

23.9882, 0.3156,
0.3093

183.7333, 0.3142,
0.3189

15.3249, 0.3160,
0.3063

225.3241, 0.3141,
0.3195

9.0477, 0.3166,
0.3021

272.7607, 0.3141,
0.3201

4.7723, 0.3173,
0.2960

326.4274, 0.3140,

2.1143, 0.3185,

0.3206

0.2864

386.7086, 0.3139,
0.3211

0.6726, 0.3223,
0.2643

0.0000, 0.0000,
0.0000

68.1391, 0.3148,
0.3150

68.1391, 0.3148,
0.3150

57.5342, 0.3183,
0.2931

80.3304, 0.3117,
0.3360

48.4413, 0.3223,
0.2709

93.3833, 0.3091,
0.3547

40.7936, 0.3267,
0.2491

93.5495, 0.3074,
0.3517

34.5153, 0.3314,
0.2285

93.7185, 0.3058,
0.3486

■ 29.5241, 0.3363,
0.2101

■ 93.8903, 0.3041,
0.3456

■ 25.7287, 0.3414,
0.1949

■ 94.0649, 0.3025,
0.3425

■ 23.0258, 0.3464,
0.1836

■ 94.2423, 0.3009,
0.3395

■ 21.2948, 0.3512,
0.1768

■ 94.4226, 0.2993,
0.3365

■ 20.3823, 0.3557,
0.1744

■ 94.6057, 0.2977,
0.3336

Harmonies

Analogous

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



68.1391, 0.3041, 0.3111



68.1391, 0.3148, 0.3150



68.1391, 0.3250, 0.3225

Triad

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



68.1391, 0.3148, 0.3150



68.1391, 0.3297, 0.3464



68.1391, 0.2938, 0.3258

Complementary

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



68.1391, 0.3148, 0.3150



73.0108, 0.3107, 0.3434

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.



68.1391, 0.3004, 0.3356



68.1391, 0.3148, 0.3150



68.1391, 0.3211, 0.3476

Square

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



68.1391, 0.3148, 0.3150



68.1391, 0.3337, 0.3405



68.1391, 0.3104, 0.3436



68.1391, 0.2921, 0.3171

Rectangle

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



68.1391, 0.3148, 0.3150



68.1391, 0.3302, 0.3286



68.1391, 0.3104, 0.3436



68.1391, 0.2955, 0.3291

Sweetspot

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



68.1420, 0.3148, 0.3150



96.7465, 0.3133, 0.3248



66.2014, 0.3039, 0.3124



20.7418, 0.3133, 0.3250



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.



68.1420, 0.3148, 0.3150



87.4983, 0.3153, 0.3119



67.7568, 0.3198, 0.3228



13.9034, 0.3158, 0.3088



11.5272, 0.3565, 0.1738



0.8077, 0.3503, 0.1703

Inverse Universe

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



68.1420, 0.3148, 0.3150



87.4983, 0.3153, 0.3119



73.3874, 0.3061, 0.3353



13.9034, 0.3158, 0.3088



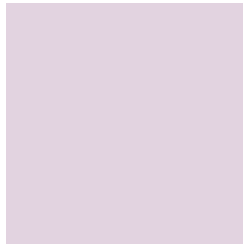
11.5272, 0.3565, 0.1738



0.8077, 0.3503, 0.1703

Previews

White Background



This preview shows how the Yxy color 68.1391, 0.3148, 0.3150 looks on a white background.

Color Contrast Check

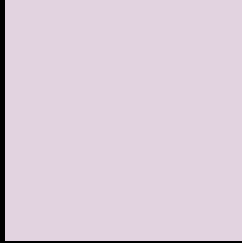
Large Text (above 18pt) WCAG AA × Fail

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 68.1391, 0.3148, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

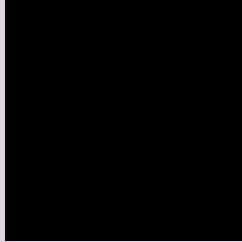
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

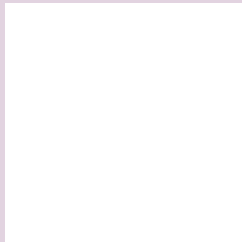
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1391, 0.3148, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 68.1391, 0.3148, 0.3150.

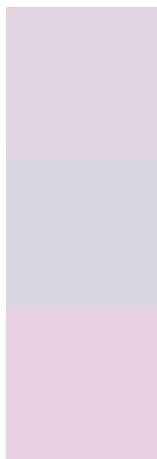


This preview shows how white text looks on a background with the Yxy color 68.1391, 0.3148, 0.3150.

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

68.1391, 0.3148, 0.3150

Protanopia

68.1831, 0.3061, 0.3158

Deuteranopia

68.1386, 0.3194, 0.3130



Tritanopia

68.3033, 0.3128, 0.3118

Trichromacy



Original Color

68.1391, 0.3148, 0.3150

Protanomaly

68.2404, 0.3097, 0.3159

Deuteranomaly

68.2980, 0.3179, 0.3140

Tritanomaly

68.2483, 0.3135, 0.3128

Monochromacy



Original Color

68.1391, 0.3148, 0.3150

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 68.1391, 0.3148, 0.3150 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 224) }
```

Border

The CSS property to change the border of an element to Yxy 68.1391, 0.3148, 0.3150 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, 224) }
```

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

```
.border{ border-color:rgb(226, 211, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1391, 0.3148, 0.3150 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, 224) }
```

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

```
.background{ background-color: rgb(226,  
211, 224) }
```

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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