

Converting Colors

Yxy(68.4981, 0.3141, 0.3195)

Have a look what the booklet for
Yxy(68.4981, 0.3141, 0.3195)
contains.

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Color

Yxy(68.5504, 0.3139, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	DFD5DE
RGB	223, 213, 222
RGB Percent	87%, 84%, 87%
CMY	0.1255, 0.1647, 0.1294
CMYK	0.00, 0.04, 0.00, 0.13
HSL	306°, 14%, 85%
HSV	306°, 4%, 87%
XYZ	67.4122, 68.5504, 78.7943
YIQ	217.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

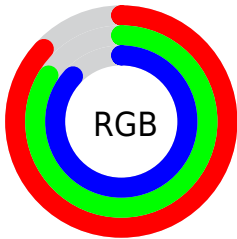
Format	Color
R _Y B	223, 213, 222
Decimal	14669278
CIE Lab	86.28, 5.03, -3.21
CIE LCh	86, 5.971, 327.447
Yxy	68.5504, 0.3139, 0.3192
Android (android.graphics.Color)	4292859358 (0xFFDFD5DE)
YUV	217.0160, 2.4571, 5.2480
Hunter-Lab	82.7952, 0.4439, 1.5317

Details

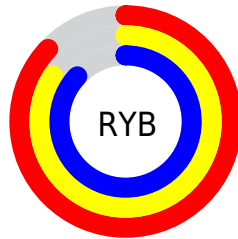
The Yxy color **68.5504, 0.3139, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7784, 0.3116, 0.3390**, and the grayscale version is **69.3832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5686, 0.3143, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **57.9778, 0.3168, 0.2968**, and if you desaturate by 10%, it is **80.6730, 0.3114, 0.3408**.

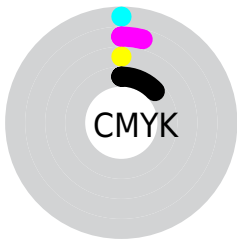
Distribution



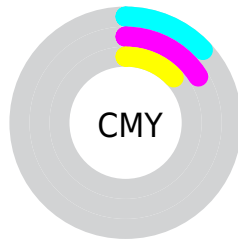
- Red (87%)
- Green (84%)
- Blue (87%)



- Red (87%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5504, 0.3139, 0.3192 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 68.5504, 0.3139, 0.3192 by changing the saturation by 10% instead.

■ 68.5504, 0.3139,
0.3192

■ 68.5504, 0.3139,
0.3192

455.4436, 0.3134,
0.3238

■ 50.3456, 0.3140,
0.3182

117.1392, 0.3137,
0.3208

■ 35.6881, 0.3142,
0.3169

148.2920, 0.3136,
0.3214

■ 24.1934, 0.3144,
0.3152

184.5296, 0.3136,
0.3219

■ 15.4772, 0.3146,
0.3130

226.2364, 0.3135,
0.3224

■ 9.1549, 0.3149,
0.3101

273.7969, 0.3135,
0.3228

■ 4.8424, 0.3154,
0.3057

327.5953, 0.3134,

■ 2.1551, 0.3160,

0.3232

0.2989

388.0161, 0.3134,
0.3235

0.6953, 0.3185,
0.2825

0.0000, 0.0000,
0.0000

68.5504, 0.3139,
0.3192

68.5504, 0.3139,
0.3192

57.9778, 0.3168,
0.2968

80.6730, 0.3114,
0.3408

48.8837, 0.3200,
0.2739

92.7230, 0.3092,
0.3585

41.2044, 0.3235,
0.2513

92.8452, 0.3080,
0.3562

34.8678, 0.3273,
0.2298

92.9690, 0.3067,
0.3538

■ 29.7957, 0.3312,
0.2105

■ 93.0944, 0.3055,
0.3515

■ 25.9017, 0.3352,
0.1941

■ 93.2214, 0.3043,
0.3492

■ 23.0887, 0.3390,
0.1816

■ 93.3500, 0.3030,
0.3469

■ 21.2440, 0.3427,
0.1735

■ 93.4801, 0.3018,
0.3446

■ 20.2302, 0.3461,
0.1697

■ 93.6118, 0.3006,
0.3423

Harmonies

Analogous

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



68.5504, 0.3066, 0.3166



68.5504, 0.3139, 0.3192



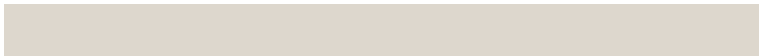
68.5504, 0.3209, 0.3243

Triad

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



68.5504, 0.3139, 0.3192



68.5504, 0.3245, 0.3408



68.5504, 0.2998, 0.3271

Complementary

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



68.5504, 0.3139, 0.3192



71.7784, 0.3116, 0.3390

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.



68.5504, 0.3045, 0.3337



68.5504, 0.3139, 0.3192



68.5504, 0.3187, 0.3417

Square

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



68.5504, 0.3139, 0.3192



68.5504, 0.3271, 0.3367



68.5504, 0.3114, 0.3391



68.5504, 0.2985, 0.3211

Rectangle

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



68.5504, 0.3139, 0.3192



68.5504, 0.3245, 0.3285



68.5504, 0.3114, 0.3391



68.5504, 0.3010, 0.3293

Sweetspot

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



68.5534, 0.3139, 0.3192



98.3675, 0.3130, 0.3268



67.1897, 0.3066, 0.3179



21.0719, 0.3130, 0.3269



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.



68.5534, 0.3139, 0.3192



92.0522, 0.3141, 0.3180



68.2973, 0.3172, 0.3245



14.8161, 0.3142, 0.3166



11.7114, 0.3474, 0.1687



0.8186, 0.3428, 0.1662

Inverse Universe

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



68.5534, 0.3139, 0.3192



92.0522, 0.3141, 0.3180



72.0296, 0.3084, 0.3336



14.8161, 0.3142, 0.3166



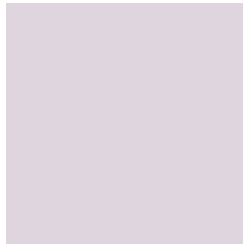
11.7114, 0.3474, 0.1687



0.8186, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 68.5504, 0.3139, 0.3192 looks on a white background.

Color Contrast Check

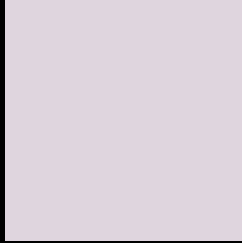
Large Text (above 18pt) WCAG AA × Fail

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 68.5504, 0.3139, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

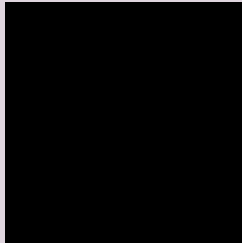
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

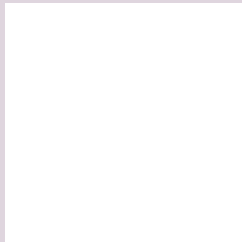
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5504, 0.3139, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 68.5504, 0.3139, 0.3192.

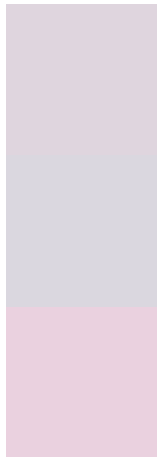


This preview shows how white text looks on a background with the Yxy color 68.5504, 0.3139, 0.3192.

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

68.5504, 0.3139, 0.3192

Protanopia

68.8340, 0.3095, 0.3202

Deuteranopia

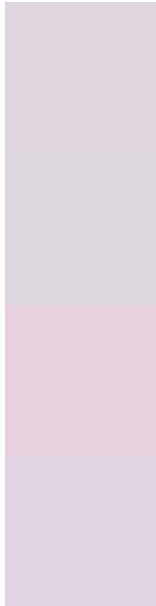
68.4211, 0.3216, 0.3141



Tritanopia

68.5914, 0.3099, 0.3107

Trichromacy



Original Color

68.5504, 0.3139, 0.3192

Protanomaly

68.6365, 0.3110, 0.3192

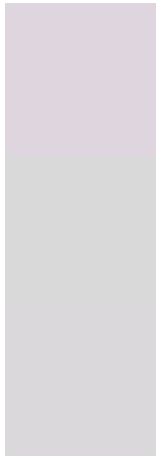
Deuteranomaly

68.2439, 0.3186, 0.3151

Tritanomaly

68.4252, 0.3120, 0.3139

Monochromacy



Original Color

68.5504, 0.3139, 0.3192

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2863, 0.3129, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5504, 0.3139, 0.3192 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(223, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 222)  
}
```

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(223, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 222) }
```

Border

The CSS property to change the border of an element to Yxy 68.5504, 0.3139, 0.3192 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(223, 213, 222) }
```

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

```
.border{ border-color:rgb(223, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5504, 0.3139, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 222) }
```

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

```
.background{ background-color: rgb(223,  
213, 222) }
```

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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