

Converting Colors

$Yxy(69.6661, 0.3221, 0.3538)$

Have a look what the booklet for
Yxy(69.6661, 0.3221, 0.3538)
contains.

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Color

Yxy(69.4098, 0.3224, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	D5DCC6
RGB	213, 220, 198
RGB Percent	84%, 86%, 78%
CMY	0.1646, 0.1373, 0.2235
CMYK	0.03, 0.00, 0.10, 0.14
HSL	79°, 24%, 82%
HSV	79°, 10%, 86%
XYZ	63.2318, 69.4098, 63.4867
YIQ	215.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

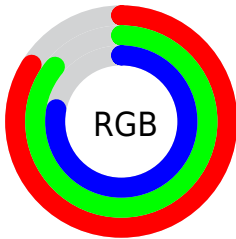
Format	Color
RYB	198, 220, 205
Decimal	14015686
CIELab	86.71, -6.22, 10.00
CIELCh	87, 11.771, 121.878
Yxy	69.4098, 0.3224, 0.3539
Android (android.graphics.Color)	4292205766 (0xFFD5DCC6)
YUV	215.3990, -8.5777, -2.1039
Hunter-Lab	83.3125, -10.3207, 13.1380

Details

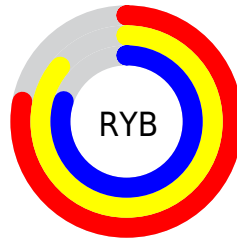
The Yxy color **69.4098, 0.3224, 0.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5275, 0.3024, 0.3037**, and the grayscale version is **68.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1930, 0.3245, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **67.4499, 0.3321, 0.3804**, and if you desaturate by 10%, it is **71.5680, 0.3127, 0.3290**.

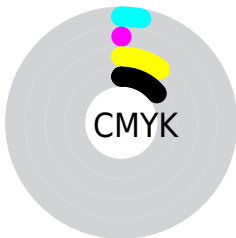
Distribution



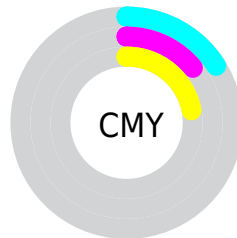
- Red (84%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4098, 0.3224, 0.3539 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 69.4098, 0.3224, 0.3539 by changing the saturation by 10% instead.

■ 69.4098, 0.3224,
0.3539

■ 69.4098, 0.3224,
0.3539

458.4750, 0.3179,
0.3421

■ 51.0455, 0.3234,
0.3566

118.3667, 0.3209,
0.3498

■ 36.2448, 0.3247,
0.3601

149.7281, 0.3203,
0.3482

■ 24.6233, 0.3262,
0.3645

186.1907, 0.3197,
0.3468

■ 15.7967, 0.3283,
0.3703

228.1389, 0.3193,
0.3456

■ 9.3804, 0.3310,
0.3785

275.9570, 0.3189,
0.3446

■ 4.9901, 0.3349,
0.3906

330.0294, 0.3185,

■ 2.2415, 0.3407,

0.3437

0.4104

390.7406, 0.3182,
0.3429

0.7425, 0.3940,
0.5281

0.0000, 0.0000,
0.0000

69.4098, 0.3224,
0.3539

69.4098, 0.3224,
0.3539

67.4499, 0.3321,
0.3804

71.5680, 0.3127,
0.3290

65.6725, 0.3416,
0.4079

73.9219, 0.3033,
0.3059

64.0730, 0.3503,
0.4356

75.8877, 0.2999,
0.2934

62.6437, 0.3579,
0.4627

77.0905, 0.3046,
0.2940

■ 61.3758, 0.3637,
0.4879

■ 78.3402, 0.3094,
0.2945

■ 60.2598, 0.3674,
0.5099

■ 79.6373, 0.3142,
0.2950

■ 59.2848, 0.3686,
0.5278

■ 79.6657, 0.3143,
0.2950

■ 58.4381, 0.3673,
0.5407

■ 57.6975, 0.3639,
0.5493

Harmonies

Analogous

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



69.4098, 0.3345, 0.3529



69.4098, 0.3224, 0.3539



69.4098, 0.3079, 0.3478

Triad

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



69.4098, 0.3224, 0.3539



69.4098, 0.2854, 0.3118



69.4098, 0.3306, 0.3215

Complementary

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



69.4098, 0.3224, 0.3539



58.5275, 0.3024, 0.3037

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.



69.4098, 0.3171, 0.3112



69.4098, 0.3224, 0.3539



69.4098, 0.2911, 0.3055

Square

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



69.4098, 0.3224, 0.3539



69.4098, 0.2868, 0.3231



69.4098, 0.3026, 0.3054



69.4098, 0.3394, 0.3340

Rectangle

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



69.4098, 0.3224, 0.3539



69.4098, 0.2989, 0.3406



69.4098, 0.3026, 0.3054



69.4098, 0.3265, 0.3177

Sweetspot

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



69.4128, 0.3224, 0.3539



99.0602, 0.3156, 0.3363



62.9372, 0.3294, 0.3369



21.1501, 0.3164, 0.3383



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.



69.4128, 0.3224, 0.3539



96.3908, 0.3244, 0.3593



67.8233, 0.3144, 0.3545



15.0463, 0.3218, 0.3524



33.9245, 0.3647, 0.5486



2.2431, 0.3738, 0.5414

Inverse Universe

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



58.5275, 0.3024, 0.3037



78.2552, 0.3000, 0.2980



60.1466, 0.3108, 0.3043



12.8164, 0.3030, 0.3052



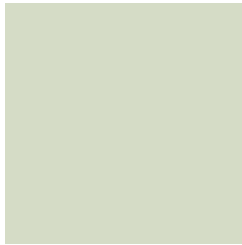
3.8432, 0.1727, 0.0725



0.2942, 0.1907, 0.0824

Previews

White Background



This preview shows how the Yxy color 69.4098, 0.3224, 0.3539 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 69.4098, 0.3224, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

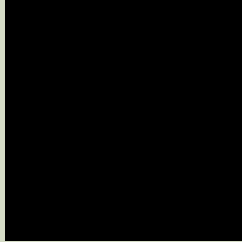
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

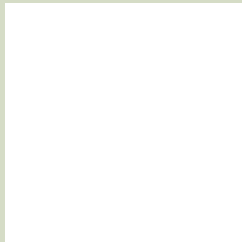
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4098, 0.3224, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 69.4098, 0.3224, 0.3539.



This preview shows how white text looks on a background with the Yxy color 69.4098, 0.3224, 0.3539.

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

69.4098, 0.3224, 0.3539

Protanopia

69.2660, 0.3340, 0.3511

Deuteranopia

69.0042, 0.3461, 0.3386



Tritanopia

69.3325, 0.3036, 0.3105

Trichromacy



Original Color

69.4098, 0.3224, 0.3539

Protanomaly

69.0291, 0.3294, 0.3513

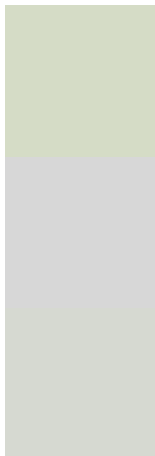
Deuteranomaly

69.0357, 0.3376, 0.3443

Tritanomaly

69.3919, 0.3100, 0.3257

Monochromacy



Original Color

69.4098, 0.3224, 0.3539

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5253, 0.3159, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4098, 0.3224, 0.3539 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(213, 220, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 198)  
}
```

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(213, 220, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 198) }
```

Border

The CSS property to change the border of an element to Yxy 69.4098, 0.3224, 0.3539 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(213, 220, 198) }
```

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

```
.border{ border-color:rgb(213, 220, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 220, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4098, 0.3224, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 198) }
```

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

```
.background{ background-color: rgb(213,  
220, 198) }
```

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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