

Converting Colors

$Yxy(69.3085, 0.2993, 0.3205)$

Have a look what the booklet for
Yxy(69.3085, 0.2993, 0.3205)
contains.

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Color

Yxy(69.4194, 0.2998, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	CFDBE2
RGB	207, 219, 226
RGB Percent	81%, 86%, 89%
CMY	0.1881, 0.1412, 0.1139
CMYK	0.08, 0.03, 0.00, 0.11
HSL	202°, 25%, 85%
HSV	202°, 8%, 89%
XYZ	64.7943, 69.4194, 81.9114
YIQ	216.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

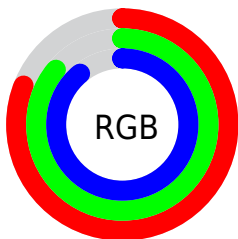
Format	Color
R _Y B	207, 214, 226
Decimal	13622242
CIE Lab	86.71, -2.67, -4.81
CIE LCh	87, 5.500, 240.954
Yxy	69.4194, 0.2998, 0.3212
Android (android.graphics.Color)	4291812322 (0xFFCFDBE2)
YUV	216.2100, 4.8265, -8.0772
Hunter-Lab	83.3183, -6.9926, 0.0340

Details

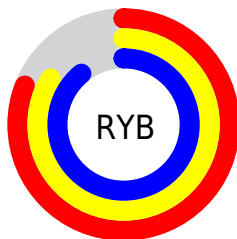
The Yxy color **69.4194, 0.2998, 0.3212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7653, 0.3264, 0.3367**, and the grayscale version is **68.7951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2635, 0.2968, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **62.1645, 0.2842, 0.3110**, and if you desaturate by 10%, it is **77.3628, 0.3152, 0.3304**.

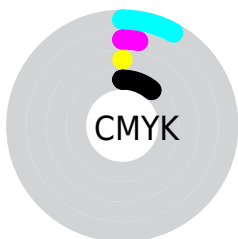
Distribution



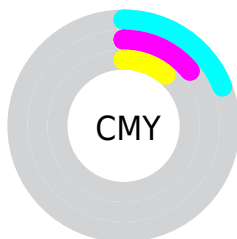
- Red (81%)
- Green (86%)
- Blue (89%)



- Red (81%)
- Yellow (84%)
- Blue (89%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4194, 0.2998, 0.3212 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 69.4194, 0.2998, 0.3212 by changing the saturation by 10% instead.

■ 69.4194, 0.2998,
0.3212

■ 69.4194, 0.2998,
0.3212

458.5088, 0.3058,
0.3249

■ 51.0533, 0.2984,
0.3203

118.3804, 0.3019,
0.3225

■ 36.2511, 0.2967,
0.3193

149.7441, 0.3027,
0.3230

■ 24.6282, 0.2945,
0.3179

186.2092, 0.3034,
0.3234

■ 15.8002, 0.2917,
0.3161

228.1601, 0.3040,
0.3238

■ 9.3829, 0.2877,
0.3136

275.9811, 0.3045,
0.3241

■ 4.9918, 0.2820,
0.3100

330.0566, 0.3050,

■ 2.2424, 0.2729,

0.3244

0.3040

390.7710, 0.3054,
0.3246

0.7430, 0.2523,
0.2924

0.0000, 0.0000,
0.0000

69.4194, 0.2998,
0.3212

69.4194, 0.2998,
0.3212

62.1645, 0.2842,
0.3110

77.3628, 0.3152,
0.3304

55.5665, 0.2686,
0.2997

86.0075, 0.3301,
0.3387

49.6041, 0.2534,
0.2875

91.4210, 0.3311,
0.3467

44.2512, 0.2389,
0.2745

96.5384, 0.3301,
0.3546

■ 39.4794, 0.2256,
0.2608

■ 98.2692, 0.3298,
0.3572

■ 35.2578, 0.2138,
0.2467

■ 31.5512, 0.2039,
0.2323

■ 28.3189, 0.1961,
0.2181

■ 25.5032, 0.1903,
0.2042

Harmonies

Analogous

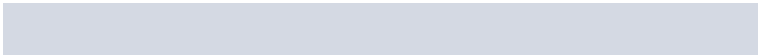
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.4194, 0.3006, 0.3266



69.4194, 0.2998, 0.3212



69.4194, 0.3025, 0.3180

Triad

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



69.4194, 0.2998, 0.3212



69.4194, 0.3209, 0.3254



69.4194, 0.3175, 0.3405

Complementary

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



69.4194, 0.2998, 0.3212



68.7653, 0.3264, 0.3367

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.



69.4194, 0.3230, 0.3401



69.4194, 0.2998, 0.3212



69.4194, 0.3250, 0.3313

Square

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



69.4194, 0.2998, 0.3212



69.4194, 0.3146, 0.3205



69.4194, 0.3258, 0.3367



69.4194, 0.3107, 0.3378

Rectangle

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



69.4194, 0.2998, 0.3212



69.4194, 0.3058, 0.3175



69.4194, 0.3258, 0.3367



69.4194, 0.3196, 0.3408

Sweetspot

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



69.4223, 0.2998, 0.3212



96.7945, 0.3081, 0.3263



72.4995, 0.3073, 0.3424



20.5376, 0.3068, 0.3255



0.0000, 0.0000, 0.0000



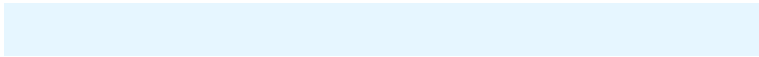
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4223, 0.2998, 0.3212



89.6375, 0.2972, 0.3195



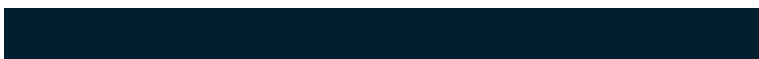
64.6357, 0.2998, 0.3105



14.6798, 0.2981, 0.3202



14.5426, 0.1901, 0.2042



1.1772, 0.1960, 0.2256

Inverse Universe

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



65.9207, 0.3186, 0.3160



84.2059, 0.3199, 0.3133



73.6828, 0.3254, 0.3468



13.8456, 0.3194, 0.3143



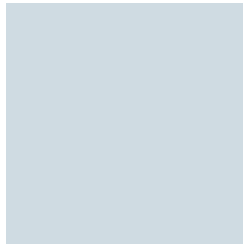
10.3761, 0.4406, 0.2201



0.7363, 0.4173, 0.2072

Previews

White Background



This preview shows how the Yxy color 69.4194, 0.2998, 0.3212 looks on a white background.

Color Contrast Check

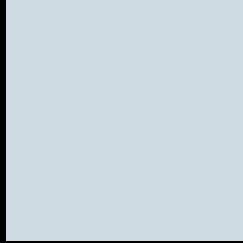
Large Text (above 18pt) WCAG AA × Fail

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 69.4194, 0.2998, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

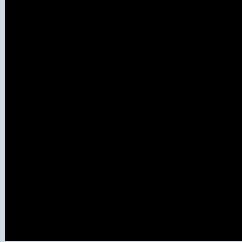
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

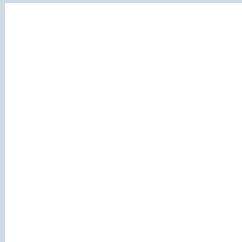
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4194, 0.2998, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 69.4194, 0.2998, 0.3212.

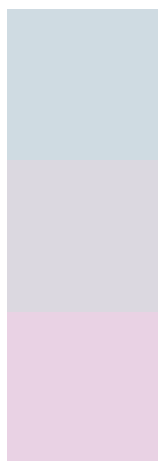


This preview shows how white text looks on a background with the Yxy color 69.4194, 0.2998, 0.3212.

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

69.4194, 0.2998, 0.3212

Protanopia

69.5536, 0.3095, 0.3203

Deuteranopia

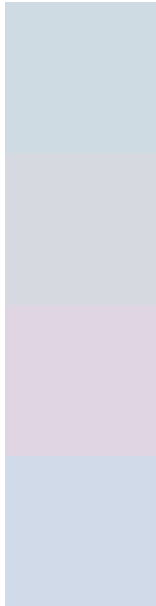
69.0183, 0.3173, 0.3100



Tritanopia

69.6963, 0.2955, 0.3103

Trichromacy



Original Color

69.4194, 0.2998, 0.3212

Protanomaly

69.5090, 0.3060, 0.3202

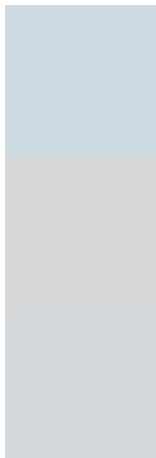
Deuteranomaly

68.9818, 0.3112, 0.3139

Tritanomaly

69.3789, 0.2966, 0.3135

Monochromacy



Original Color

69.4194, 0.2998, 0.3212

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9391, 0.3079, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4194, 0.2998, 0.3212 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(207, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 219, 226)  
}
```

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(207, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 219, 226) }
```

Border

The CSS property to change the border of an element to Yxy 69.4194, 0.2998, 0.3212 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(207, 219, 226) }
```

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

```
.border{ border-color:rgb(207, 219, 226) }
```

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

Here you see how a box with a 4 pixel rgb(207, 219, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 219,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4194, 0.2998, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 219, 226) }
```

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

```
.background{ background-color: rgb(207,  
219, 226) }
```

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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