

Converting Colors

$Yxy(68.1078, 0.3099, 0.3307)$

Have a look what the booklet for
Yxy(68.1078, 0.3099, 0.3307)
contains.

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Color

Yxy(67.8669, 0.3098, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D3D8D7
RGB	211, 216, 215
RGB Percent	83%, 85%, 84%
CMY	0.1724, 0.1530, 0.1568
CMYK	0.02, 0.00, 0.00, 0.15
HSL	168°, 6%, 84%
HSV	168°, 2%, 85%
XYZ	63.6933, 67.8669, 74.0347
YIQ	214.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

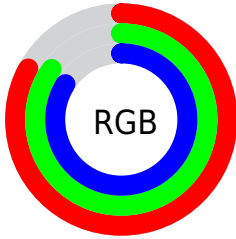
Format	Color
R _Y B	211, 214, 216
Decimal	13883607
CIE Lab	85.94, -1.85, -0.11
CIE LCh	86, 1.855, 183.409
Yxy	67.8669, 0.3098, 0.3301
Android (android.graphics.Color)	4292073687 (0xFFD3D8D7)
YUV	214.3910, 0.3002, -2.9739
Hunter-Lab	82.3814, -6.1598, 4.3840

Details

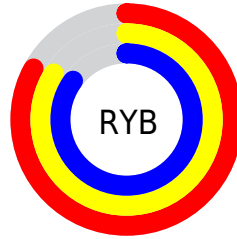
The Yxy color **67.8669, 0.3098, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9595, 0.3157, 0.3279**, and the grayscale version is **67.5266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1959, 0.3098, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **64.6715, 0.2974, 0.3352**, and if you desaturate by 10%, it is **71.5026, 0.3226, 0.3255**.

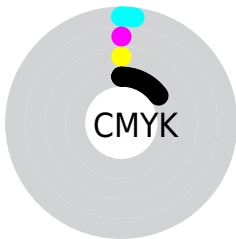
Distribution



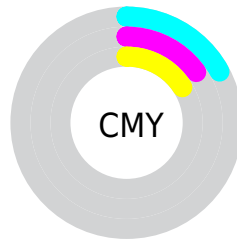
- Red (83%)
- Green (85%)
- Blue (84%)



- Red (83%)
- Yellow (84%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8669, 0.3098, 0.3301 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 67.8669, 0.3098, 0.3301 by changing the saturation by 10% instead.

■ 67.8669, 0.3098,
0.3301

■ 67.8669, 0.3098,
0.3301

453.0243, 0.3112,
0.3296

■ 49.7895, 0.3095,
0.3302

116.1617, 0.3103,
0.3299

■ 35.2461, 0.3091,
0.3304

147.1479, 0.3105,
0.3299

■ 23.8525, 0.3086,
0.3305

183.2057, 0.3106,
0.3298

■ 15.2243, 0.3079,
0.3308

224.7197, 0.3108,
0.3297

■ 8.9769, 0.3070,
0.3311

272.0741, 0.3109,
0.3297

■ 4.7261, 0.3056,
0.3316

325.6534, 0.3110,

■ 2.0875, 0.3034,

0.3297

0.3324

385.8420, 0.3111,
0.3296

■ 0.6576, 0.2957,
0.3353

■ 0.0000, 0.0000,
0.0000

■ 67.8669, 0.3098,
0.3301

■ 67.8669, 0.3098,
0.3301

■ 64.6715, 0.2974,
0.3352

■ 71.5026, 0.3226,
0.3255

■ 61.8907, 0.2856,
0.3408

■ 75.5860, 0.3355,
0.3214

■ 59.5093, 0.2747,
0.3469

■ 75.9672, 0.3331,
0.3171

■ 57.5077, 0.2650,
0.3534

■ 76.2097, 0.3300,
0.3128

■ 55.8649, 0.2568,
0.3602

■ 76.4582, 0.3270,
0.3086

■ 54.5576, 0.2504,
0.3673

■ 76.7127, 0.3240,
0.3044

■ 53.5598, 0.2458,
0.3746

■ 76.9733, 0.3211,
0.3003

■ 52.8416, 0.2432,
0.3819

■ 77.2401, 0.3182,
0.2962

■ 52.3671, 0.2425,
0.3892

■ 77.5131, 0.3153,
0.2921

Harmonies

Analogous

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



67.8669, 0.3119, 0.3319



67.8669, 0.3098, 0.3301



67.8669, 0.3085, 0.3280

Triad

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



67.8669, 0.3098, 0.3301



67.8669, 0.3113, 0.3252



67.8669, 0.3171, 0.3318

Complementary

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



67.8669, 0.3098, 0.3301



65.9595, 0.3157, 0.3279

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.



67.8669, 0.3170, 0.3300



67.8669, 0.3098, 0.3301



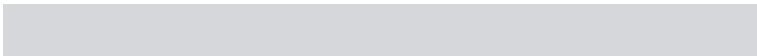
67.8669, 0.3136, 0.3262

Square

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



67.8669, 0.3098, 0.3301



67.8669, 0.3093, 0.3252



67.8669, 0.3157, 0.3279



67.8669, 0.3161, 0.3328

Rectangle

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



67.8669, 0.3098, 0.3301



67.8669, 0.3083, 0.3268



67.8669, 0.3157, 0.3279



67.8669, 0.3172, 0.3312

Sweetspot

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



67.8698, 0.3098, 0.3301



99.4868, 0.3114, 0.3295



67.8152, 0.3132, 0.3346



21.2997, 0.3115, 0.3295



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.



67.8698, 0.3098, 0.3301



98.4799, 0.3089, 0.3305



67.1621, 0.3092, 0.3273



14.4547, 0.3079, 0.3308



30.8678, 0.2427, 0.3936



1.8729, 0.2392, 0.3811

Inverse Universe

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



65.9595, 0.3157, 0.3279



94.8277, 0.3167, 0.3275



66.6524, 0.3163, 0.3307



13.7887, 0.3177, 0.3272



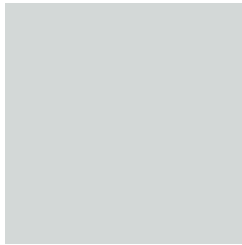
8.7572, 0.6063, 0.3114



0.5402, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 67.8669, 0.3098, 0.3301 looks on a white background.

Color Contrast Check

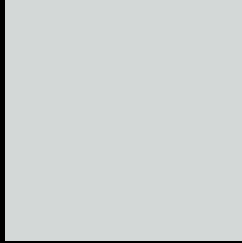
Large Text (above 18pt) WCAG AA × Fail

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 67.8669, 0.3098, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

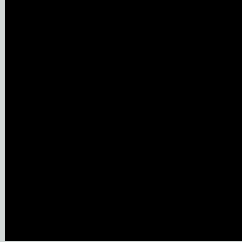
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

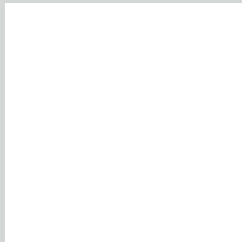
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8669, 0.3098, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 67.8669, 0.3098, 0.3301.



This preview shows how white text looks on a background with the Yxy color 67.8669, 0.3098, 0.3301.

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

67.8669, 0.3098, 0.3301

Protanopia

68.0082, 0.3164, 0.3290

Deuteranopia

67.7837, 0.3268, 0.3194



Tritanopia

67.9524, 0.3014, 0.3114

Trichromacy



Original Color

67.8669, 0.3098, 0.3301

Protanomaly

68.0548, 0.3141, 0.3301

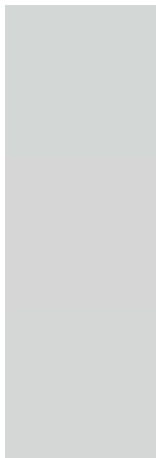
Deuteranomaly

67.7152, 0.3204, 0.3236

Tritanomaly

68.0342, 0.3039, 0.3179

Monochromacy



Original Color

67.8669, 0.3098, 0.3301

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6021, 0.3119, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8669, 0.3098, 0.3301 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(211, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 215)  
}
```

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(211, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.8669, 0.3098, 0.3301 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(211, 216, 215) }
```

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

```
.border{ border-color:rgb(211, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8669, 0.3098, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 215) }
```

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

```
.background{ background-color: rgb(211,  
216, 215) }
```

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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