

Converting Colors

Yxy(69.0887, 0.3046, 0.3399)

Have a look what the booklet for
Yxy(69.0887, 0.3046, 0.3399)
contains.

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Color

Yxy(68.8839, 0.3045, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	C9DDD4
RGB	201, 221, 212
RGB Percent	79%, 87%, 83%
CMY	0.2119, 0.1333, 0.1687
CMYK	0.09, 0.00, 0.04, 0.13
HSL	153°, 23%, 83%
HSV	153°, 9%, 87%
XYZ	61.8189, 68.8839, 72.3149
YIQ	213.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

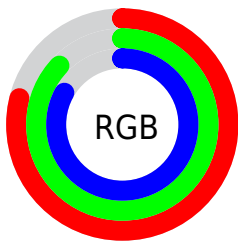
Format	Color
R_{YB}	201, 214, 221
Decimal	13229524
CIE _{Lab}	86.45, -8.37, 2.14
CIE _{LCh}	86, 8.639, 165.687
Yxy	68.8839, 0.3045, 0.3393
Android (android.graphics.Color)	4291419604 (0xFFC9DDD4)
YUV	213.9940, -0.9830, -11.3957
Hunter-Lab	82.9963, -12.2898, 6.4379

Details

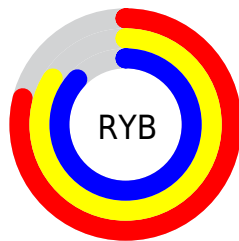
The Yxy color **68.8839, 0.3045, 0.3393** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7850, 0.3218, 0.3189**, and the grayscale version is **67.2497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9098, 0.3029, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **65.5546, 0.2957, 0.3519**, and if you desaturate by 10%, it is **72.6907, 0.3136, 0.3280**.

Distribution



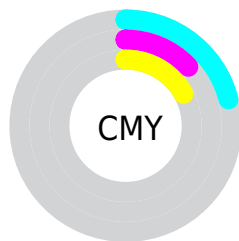
- Red (79%)
- Green (87%)
- Blue (83%)



- Red (79%)
- Yellow (84%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8839, 0.3045, 0.3393 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 68.8839, 0.3045, 0.3393 by changing the saturation by 10% instead.

■ 68.8839, 0.3045,
0.3393

■ 68.8839, 0.3045,
0.3393

456.6214, 0.3084,
0.3345

■ 50.6172, 0.3036,
0.3404

117.6157, 0.3059,
0.3376

■ 35.9040, 0.3025,
0.3418

148.8496, 0.3064,
0.3369

■ 24.3601, 0.3011,
0.3436

185.1747, 0.3068,
0.3364

■ 15.6009, 0.2992,
0.3460

226.9753, 0.3072,
0.3359

■ 9.2422, 0.2965,
0.3494

274.6359, 0.3076,
0.3355

■ 4.8995, 0.2926,
0.3543

328.5408, 0.3079,

■ 2.1884, 0.2863,

0.3351

389.0745, 0.3081,
0.3348

0.3625

0.7137, 0.2611,
0.3931

0.0000, 0.0000,
0.0000

68.8839, 0.3045,
0.3393

68.8839, 0.3045,
0.3393

65.5546, 0.2957,
0.3519

72.6907, 0.3136,
0.3280

62.6748, 0.2874,
0.3658

76.9843, 0.3227,
0.3180

60.2267, 0.2799,
0.3809

79.3829, 0.3230,
0.3085

58.1880, 0.2736,
0.3972

79.9969, 0.3164,
0.2990

■ 56.5343, 0.2687,
0.4143

■ 80.2012, 0.3143,
0.2960

■ 55.2387, 0.2655,
0.4319

■ 54.2704, 0.2644,
0.4497

■ 53.5930, 0.2653,
0.4672

■ 53.1496, 0.2679,
0.4839

Harmonies

Analogous

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



68.8839, 0.3150, 0.3458



68.8839, 0.3045, 0.3393



68.8839, 0.2963, 0.3300

Triad

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



68.8839, 0.3045, 0.3393



68.8839, 0.3003, 0.3110



68.8839, 0.3335, 0.3369

Complementary

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



68.8839, 0.3045, 0.3393



61.7850, 0.3218, 0.3189

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.



68.8839, 0.3294, 0.3277



68.8839, 0.3045, 0.3393



68.8839, 0.3101, 0.3130

Square

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



68.8839, 0.3045, 0.3393



68.8839, 0.2939, 0.3137



68.8839, 0.3208, 0.3190



68.8839, 0.3319, 0.3442

Rectangle

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



68.8839, 0.3045, 0.3393



68.8839, 0.2931, 0.3236



68.8839, 0.3208, 0.3190



68.8839, 0.3327, 0.3339

Sweetspot

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



68.8868, 0.3045, 0.3393



98.3579, 0.3100, 0.3323



69.6857, 0.3183, 0.3517



20.9609, 0.3092, 0.3332



0.0000, 0.0000, 0.0000



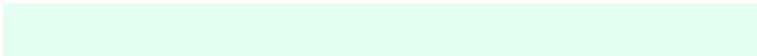
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8868, 0.3045, 0.3393



94.2757, 0.3027, 0.3417



69.0031, 0.2988, 0.3282



14.7254, 0.3042, 0.3397



30.8726, 0.2675, 0.4829



2.0174, 0.2598, 0.4554

Inverse Universe

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



61.7850, 0.3218, 0.3189



82.4373, 0.3240, 0.3166



61.6598, 0.3284, 0.3298



13.1485, 0.3222, 0.3185



9.4813, 0.5159, 0.2615



0.6315, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 68.8839, 0.3045, 0.3393 looks on a white background.

Color Contrast Check

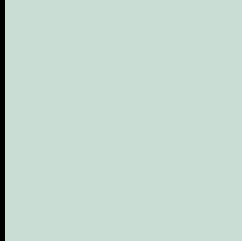
Large Text (above 18pt) WCAG AA × Fail

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 68.8839, 0.3045, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

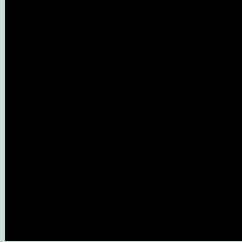
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

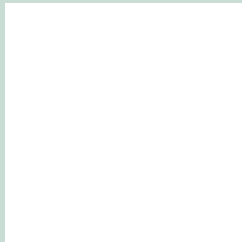
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8839, 0.3045, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 68.8839, 0.3045, 0.3393.



This preview shows how white text looks on a background with the Yxy color 68.8839, 0.3045, 0.3393.

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





Tritanopia

69.1201, 0.2928, 0.3101

Trichromacy



Original Color

68.8839, 0.3045, 0.3393

Protanomaly

68.5750, 0.3152, 0.3368

Deuteranomaly

68.2399, 0.3209, 0.3290

Tritanomaly

69.0465, 0.2971, 0.3200

Monochromacy



Original Color

68.8839, 0.3045, 0.3393

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.9851, 0.3096, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8839, 0.3045, 0.3393 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(201, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(201, 221, 212)  
}
```

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(201, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 221, 212) }
```

Border

The CSS property to change the border of an element to Yxy 68.8839, 0.3045, 0.3393 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(201, 221, 212) }
```

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

```
.border{ border-color:rgb(201, 221, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 221, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 221,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8839, 0.3045, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 221, 212) }
```

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

```
.background{ background-color: rgb(201,  
221, 212) }
```

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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