

Converting Colors

Yxy(67.8318, 0.3086, 0.3331)

Have a look what the booklet for
Yxy(67.8318, 0.3086, 0.3331)
contains.

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Color

Yxy(67.8397, 0.3089, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	D0D9D5
RGB	208, 217, 213
RGB Percent	82%, 85%, 84%
CMY	0.1843, 0.1490, 0.1646
CMYK	0.04, 0.00, 0.02, 0.15
HSL	153°, 11%, 83%
HSV	153°, 4%, 85%
XYZ	62.8356, 67.8397, 72.7421
YIQ	213.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

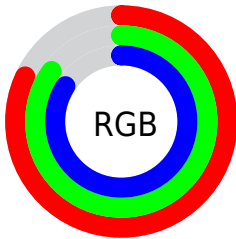
Format	Color
R _Y B	208, 214, 217
Decimal	13687253
CIE Lab	85.93, -3.77, 0.90
CIE LCh	86, 3.871, 166.620
Yxy	67.8397, 0.3089, 0.3335
Android (android.graphics.Color)	4291877333 (0xFFD0D9D5)
YUV	213.8530, -0.4205, -5.1331
Hunter-Lab	82.3649, -7.9620, 5.2923

Details

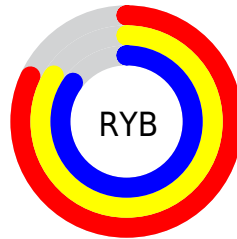
The Yxy color **67.8397, 0.3089, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6150, 0.3167, 0.3245**, and the grayscale version is **67.1477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1793, 0.3087, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **64.4356, 0.2998, 0.3452**, and if you desaturate by 10%, it is **71.7089, 0.3181, 0.3230**.

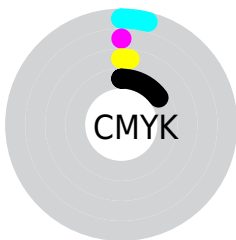
Distribution



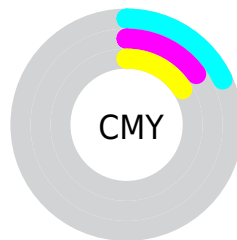
- Red (82%)
- Green (85%)
- Blue (84%)



- Red (82%)
- Yellow (84%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8397, 0.3089, 0.3335 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 67.8397, 0.3089, 0.3335 by changing the saturation by 10% instead.

■ 67.8397, 0.3089,
0.3335

■ 67.8397, 0.3089,
0.3335

452.9279, 0.3107,
0.3314

■ 49.7673, 0.3085,
0.3340

116.1228, 0.3095,
0.3328

■ 35.2286, 0.3080,
0.3346

147.1023, 0.3098,
0.3325

■ 23.8390, 0.3073,
0.3354

183.1530, 0.3100,
0.3322

■ 15.2142, 0.3064,
0.3364

224.6593, 0.3102,
0.3320

■ 8.9699, 0.3052,
0.3379

272.0055, 0.3103,
0.3318

■ 4.7215, 0.3034,
0.3400

325.5761, 0.3105,

■ 2.0848, 0.3004,

0.3317

0.3435

385.7554, 0.3106,
0.3315

0.6561, 0.2890,
0.3567

0.0000, 0.0000,
0.0000

67.8397, 0.3089,
0.3335

67.8397, 0.3089,
0.3335

64.4356, 0.2998,
0.3452

71.7089, 0.3181,
0.3230

61.4700, 0.2912,
0.3583

76.0513, 0.3273,
0.3137

58.9269, 0.2832,
0.3725

77.2903, 0.3233,
0.3045

56.7856, 0.2762,
0.3880

77.8828, 0.3168,
0.2953

■ 55.0239, 0.2704,
0.4043

■ 78.1085, 0.3145,
0.2920

■ 53.6175, 0.2663,
0.4214

■ 52.5388, 0.2641,
0.4389

■ 51.7562, 0.2639,
0.4562

■ 51.2312, 0.2657,
0.4731

Harmonies

Analogous

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



67.8397, 0.3137, 0.3364



67.8397, 0.3089, 0.3335



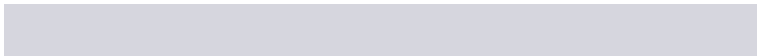
67.8397, 0.3052, 0.3294

Triad

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



67.8397, 0.3089, 0.3335



67.8397, 0.3073, 0.3208



67.8397, 0.3221, 0.3328

Complementary

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



67.8397, 0.3089, 0.3335



64.6150, 0.3167, 0.3245

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.



67.8397, 0.3203, 0.3286



67.8397, 0.3089, 0.3335



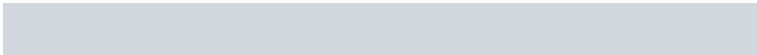
67.8397, 0.3117, 0.3218

Square

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



67.8397, 0.3089, 0.3335



67.8397, 0.3042, 0.3221



67.8397, 0.3165, 0.3246



67.8397, 0.3213, 0.3360

Rectangle

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



67.8397, 0.3089, 0.3335



67.8397, 0.3038, 0.3265



67.8397, 0.3165, 0.3246



67.8397, 0.3217, 0.3314

Sweetspot

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



67.8426, 0.3089, 0.3335



99.4470, 0.3118, 0.3301



68.1868, 0.3152, 0.3392



21.2916, 0.3118, 0.3300



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.



67.8426, 0.3089, 0.3335



97.3031, 0.3081, 0.3345



67.8159, 0.3063, 0.3285



15.0202, 0.3075, 0.3352



30.8963, 0.2668, 0.4803



2.0189, 0.2592, 0.4532

Inverse Universe

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



64.6150, 0.3167, 0.3245



91.6841, 0.3176, 0.3236



64.6360, 0.3195, 0.3295



14.0475, 0.3182, 0.3229



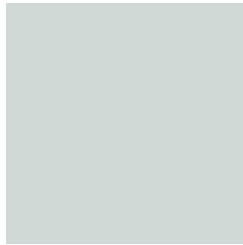
9.4630, 0.5190, 0.2633



0.6302, 0.4786, 0.2410

Previews

White Background



This preview shows how the Yxy color 67.8397, 0.3089, 0.3335 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 67.8397, 0.3089, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

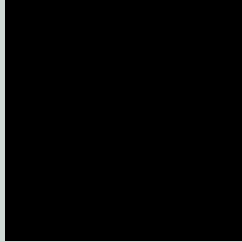
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

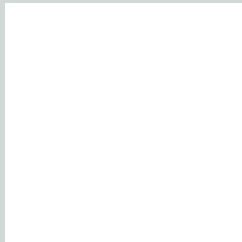
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8397, 0.3089, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 67.8397, 0.3089, 0.3335.



This preview shows how white text looks on a background with the Yxy color 67.8397, 0.3089, 0.3335.

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

67.7115, 0.2993, 0.3102

Trichromacy



Original Color

67.8397, 0.3089, 0.3335

Protanomaly

67.8014, 0.3147, 0.3324

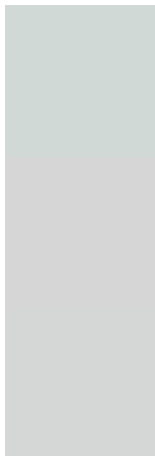
Deuteranomaly

67.4511, 0.3211, 0.3257

Tritanomaly

67.6843, 0.3032, 0.3189

Monochromacy



Original Color

67.8397, 0.3089, 0.3335

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4530, 0.3112, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8397, 0.3089, 0.3335 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(208, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 213)  
}
```

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(208, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 67.8397, 0.3089, 0.3335 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(208, 217, 213) }
```

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

```
.border{ border-color:rgb(208, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8397, 0.3089, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 213) }
```

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

```
.background{ background-color: rgb(208,  
217, 213) }
```

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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