

Converting Colors

Yxy(68.5688, 0.3101, 0.3406)

Have a look what the booklet for
Yxy(68.5688, 0.3101, 0.3406)
contains.

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Color

Yxy(68.3883, 0.3100, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	CEDBD1
RGB	206, 219, 209
RGB Percent	81%, 86%, 82%
CMY	0.1924, 0.1411, 0.1804
CMYK	0.06, 0.00, 0.05, 0.14
HSL	134°, 15%, 83%
HSV	134°, 6%, 86%
XYZ	62.2808, 68.3883, 70.2366
YIQ	213.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

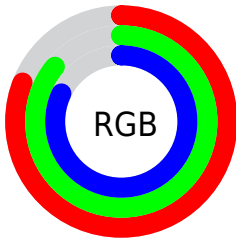
Format	Color
R _Y B	206, 217, 219
Decimal	13556689
CIE Lab	86.20, -6.23, 3.40
CIE LCh	86, 7.100, 151.395
Yxy	68.3883, 0.3100, 0.3404
Android (android.graphics.Color)	4291746769 (0xFFCEDBD1)
YUV	213.9730, -2.4517, -6.9923
Hunter-Lab	82.6972, -10.2886, 7.5317

Details

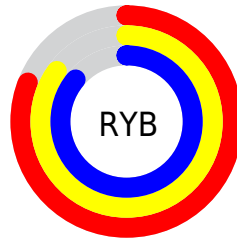
The Yxy color **68.3883, 0.3100, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1335, 0.3155, 0.3179**, and the grayscale version is **67.2407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5929, 0.3093, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **64.6849, 0.3054, 0.3615**, and if you desaturate by 10%, it is **72.6219, 0.3145, 0.3218**.

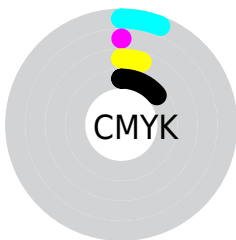
Distribution



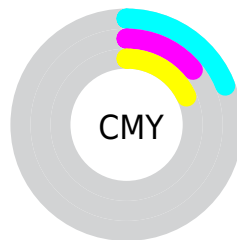
- Red (81%)
- Green (86%)
- Blue (82%)



- Red (81%)
- Yellow (85%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (19%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3883, 0.3100, 0.3404 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 68.3883, 0.3100, 0.3404 by changing the saturation by 10% instead.

■ 68.3883, 0.3100,
0.3404

■ 68.3883, 0.3100,
0.3404

454.8706, 0.3113,
0.3350

■ 50.2137, 0.3097,
0.3417

116.9075, 0.3105,
0.3385

■ 35.5832, 0.3093,
0.3432

148.0208, 0.3106,
0.3378

■ 24.1125, 0.3088,
0.3452

184.2159, 0.3108,
0.3372

■ 15.4171, 0.3082,
0.3479

225.8770, 0.3109,
0.3366

■ 9.1126, 0.3072,
0.3517

273.3887, 0.3110,
0.3361

■ 4.8147, 0.3058,
0.3572

327.1352, 0.3111,

■ 2.1390, 0.3034,

0.3357

0.3664

387.5010, 0.3112,
0.3354

0.6864, 0.2949,
0.4046

0.0000, 0.0000,
0.0000

68.3883, 0.3100,
0.3404

68.3883, 0.3100,
0.3404

64.6849, 0.3054,
0.3615

72.6219, 0.3145,
0.3218

61.4823, 0.3010,
0.3851

77.3963, 0.3189,
0.3055

58.7613, 0.2968,
0.4111

79.1546, 0.3144,
0.2940

56.4983, 0.2932,
0.4391

■ 54.6674, 0.2904,
0.4682

■ 53.2404, 0.2888,
0.4972

■ 52.1855, 0.2885,
0.5247

■ 51.4659, 0.2897,
0.5491

■ 51.0364, 0.2922,
0.5689

Harmonies

Analogous

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



68.3883, 0.3188, 0.3440



68.3883, 0.3100, 0.3404



68.3883, 0.3020, 0.3336

Triad

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



68.3883, 0.3100, 0.3404



68.3883, 0.2995, 0.3147



68.3883, 0.3288, 0.3320

Complementary

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



68.3883, 0.3100, 0.3404



64.1335, 0.3155, 0.3179

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.



68.3883, 0.3235, 0.3244



68.3883, 0.3100, 0.3404



68.3883, 0.3065, 0.3145

Square

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



68.3883, 0.3100, 0.3404



68.3883, 0.2960, 0.3188



68.3883, 0.3153, 0.3180



68.3883, 0.3297, 0.3390

Rectangle

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



68.3883, 0.3100, 0.3404



68.3883, 0.2982, 0.3283



68.3883, 0.3153, 0.3180



68.3883, 0.3274, 0.3294

Sweetspot

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



68.3912, 0.3100, 0.3404



98.7963, 0.3118, 0.3328



69.7223, 0.3193, 0.3436



21.1591, 0.3118, 0.3326



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.



68.3912, 0.3100, 0.3404



95.9204, 0.3095, 0.3426



68.7217, 0.3057, 0.3329



14.8140, 0.3093, 0.3436



30.1976, 0.2926, 0.5732



1.9697, 0.2838, 0.5418

Inverse Universe

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



64.1335, 0.3155, 0.3179



88.8695, 0.3161, 0.3158



63.8022, 0.3202, 0.3251



13.6505, 0.3163, 0.3149



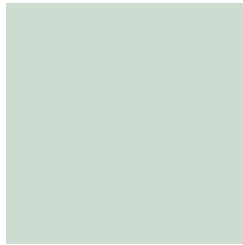
10.6200, 0.3902, 0.1923



0.7009, 0.3766, 0.1848

Previews

White Background



This preview shows how the Yxy color 68.3883, 0.3100, 0.3404 looks on a white background.

Color Contrast Check

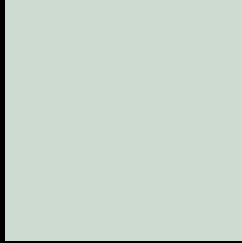
Large Text (above 18pt) WCAG AA × Fail

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 68.3883, 0.3100, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

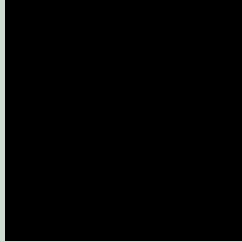
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

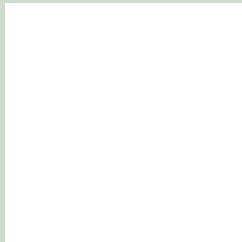
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3883, 0.3100, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 68.3883, 0.3100, 0.3404.

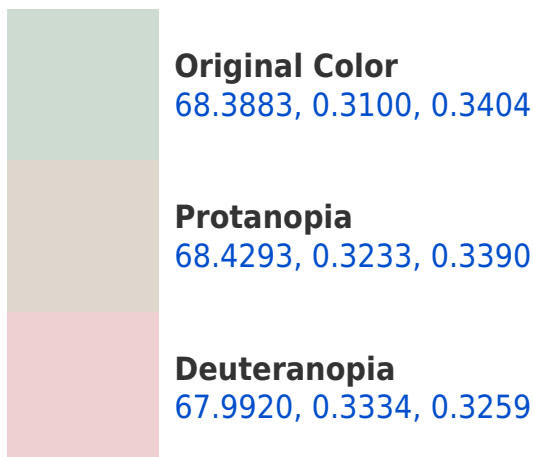


This preview shows how white text looks on a background with the Yxy color 68.3883, 0.3100, 0.3404.

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

68.1857, 0.2974, 0.3091

Trichromacy



Original Color

68.3883, 0.3100, 0.3404

Protanomaly

68.2157, 0.3188, 0.3391

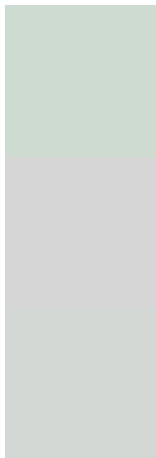
Deuteranomaly

67.9089, 0.3246, 0.3312

Tritanomaly

68.0489, 0.3024, 0.3200

Monochromacy



Original Color

68.3883, 0.3100, 0.3404

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.7141, 0.3118, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3883, 0.3100, 0.3404 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(206, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(206, 219, 209)  
}
```

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(206, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 209) }
```

Border

The CSS property to change the border of an element to Yxy 68.3883, 0.3100, 0.3404 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(206, 219, 209) }
```

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

```
.border{ border-color:rgb(206, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3883, 0.3100, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 209) }
```

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

```
.background{ background-color: rgb(206,  
219, 209) }
```

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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