

Converting Colors

$Yxy(67.0606, 0.3204, 0.3475)$

Have a look what the booklet for
Yxy(67.0606, 0.3204, 0.3475)
contains.

Yxy(67.1307, 0.3199, 0.3473)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1307, 0.3199, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	D3D8C8
RGB	211, 216, 200
RGB Percent	83%, 85%, 78%
CMY	0.1727, 0.1529, 0.2158
CMYK	0.02, 0.00, 0.07, 0.15
HSL	79°, 17%, 82%
HSV	79°, 7%, 85%
XYZ	61.8345, 67.1307, 64.3279
YIQ	212.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

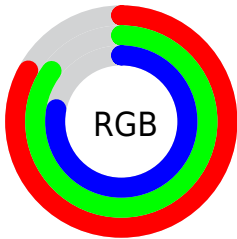
Format	Color
R_{YB}	200, 216, 205
Decimal	13883592
CIE Lab	85.57, -4.56, 7.30
CIE LCh	86, 8.606, 121.965
Yxy	67.1307, 0.3199, 0.3473
Android (android.graphics.Color)	4292073672 (0xFFD3D8C8)
YUV	212.6810, -6.2517, -1.4742
Hunter-Lab	81.9333, -8.6707, 10.8032

Details

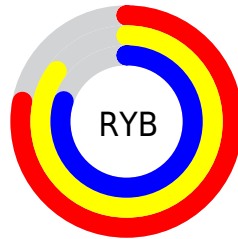
The Yxy color **67.1307, 0.3199, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2417, 0.3052, 0.3105**, and the grayscale version is **66.3539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6330, 0.3213, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **65.2094, 0.3297, 0.3734**, and if you desaturate by 10%, it is **69.2432, 0.3103, 0.3229**.

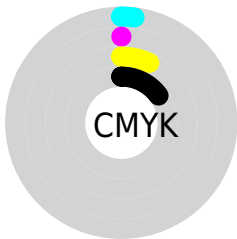
Distribution



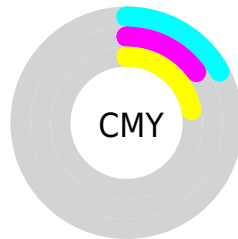
- Red (83%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1307, 0.3199, 0.3473 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 67.1307, 0.3199, 0.3473 by changing the saturation by 10% instead.

■ 67.1307, 0.3199,
0.3473

■ 67.1307, 0.3199,
0.3473

450.4099, 0.3166,
0.3386

■ 49.1909, 0.3207,
0.3493

115.1077, 0.3187,
0.3442

■ 34.7709, 0.3216,
0.3519

145.9136, 0.3183,
0.3431

■ 23.4864, 0.3228,
0.3551

181.7770, 0.3179,
0.3421

■ 14.9531, 0.3244,
0.3595

223.0822, 0.3176,
0.3412

■ 8.7865, 0.3266,
0.3656

270.2137, 0.3173,
0.3404

■ 4.6022, 0.3297,
0.3747

323.5559, 0.3170,

■ 2.0158, 0.3346,

0.3398

383.4932, 0.3168,
0.3392

0.3899

0.6166, 0.3791,
0.4923

0.0000, 0.0000,
0.0000

67.1307, 0.3199,
0.3473

67.1307, 0.3199,
0.3473

65.2094, 0.3297,
0.3734

69.2432, 0.3103,
0.3229

63.4640, 0.3392,
0.4006

71.5441, 0.3010,
0.3004


61.8907, 0.3482,
0.4284

73.3961, 0.2982,
0.2891


60.4818, 0.3562,
0.4557


74.5542, 0.3028,
0.2897


 59.2294, 0.3625,
0.4814


 75.7570, 0.3075,
0.2902


 58.1246, 0.3668,
0.5044

 77.0048, 0.3123,
0.2908

 57.1575, 0.3687,
0.5233

 77.6013, 0.3145,
0.2911

 56.3162, 0.3681,
0.5376

 55.5853, 0.3651,
0.5470

Harmonies

Analogous

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



67.1307, 0.3288, 0.3467



67.1307, 0.3199, 0.3473



67.1307, 0.3092, 0.3428

Triad

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



67.1307, 0.3199, 0.3473



67.1307, 0.2924, 0.3163



67.1307, 0.3260, 0.3235

Complementary

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



67.1307, 0.3199, 0.3473



59.2417, 0.3052, 0.3105

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.



67.1307, 0.3160, 0.3158



67.1307, 0.3199, 0.3473



67.1307, 0.2967, 0.3116

Square

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



67.1307, 0.3199, 0.3473



67.1307, 0.2934, 0.3247



67.1307, 0.3053, 0.3114



67.1307, 0.3324, 0.3328

Rectangle

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



67.1307, 0.3199, 0.3473



67.1307, 0.3025, 0.3375



67.1307, 0.3053, 0.3114



67.1307, 0.3229, 0.3207

Sweetspot

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



67.1336, 0.3199, 0.3473



99.3721, 0.3147, 0.3339



62.3334, 0.3248, 0.3345



21.2763, 0.3146, 0.3336



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.



67.1336, 0.3199, 0.3473



97.2623, 0.3215, 0.3515



66.0132, 0.3142, 0.3476



14.3145, 0.3218, 0.3524



32.8497, 0.3650, 0.5484



2.0246, 0.3747, 0.5407

Inverse Universe

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



59.2417, 0.3052, 0.3105



83.3620, 0.3034, 0.3061



60.3753, 0.3111, 0.3108



12.1968, 0.3030, 0.3052



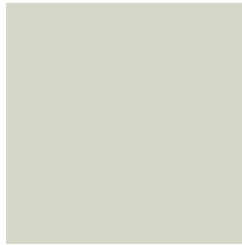
3.7153, 0.1726, 0.0725



0.2677, 0.1918, 0.0830

Previews

White Background



This preview shows how the Yxy color 67.1307, 0.3199, 0.3473 looks on a white background.

Color Contrast Check

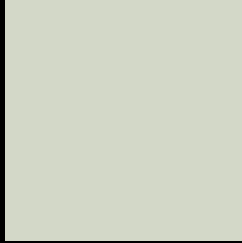
Large Text (above 18pt) WCAG AA × Fail

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 67.1307, 0.3199, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

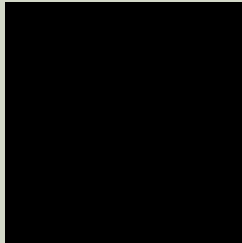
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

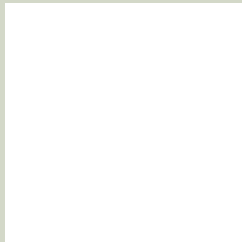
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1307, 0.3199, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 67.1307, 0.3199, 0.3473.



This preview shows how white text looks on a background with the Yxy color 67.1307, 0.3199, 0.3473.

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

67.1307, 0.3199, 0.3473

Protanopia

67.0379, 0.3292, 0.3458

Deuteranopia

66.7576, 0.3412, 0.3334



Tritanopia

67.1912, 0.3035, 0.3103

Trichromacy



Original Color

67.1307, 0.3199, 0.3473

Protanomaly

66.9684, 0.3253, 0.3459

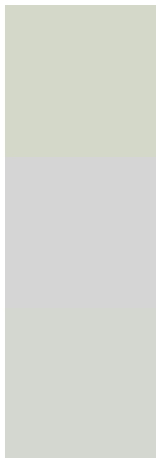
Deuteranomaly

66.9682, 0.3335, 0.3389

Tritanomaly

66.9466, 0.3101, 0.3234

Monochromacy



Original Color

67.1307, 0.3199, 0.3473

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6442, 0.3153, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1307, 0.3199, 0.3473 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 200) }
```

Border

The CSS property to change the border of an element to Yxy 67.1307, 0.3199, 0.3473 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, 200) }
```

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

```
.border{ border-color:rgb(211, 216, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 200);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1307, 0.3199, 0.3473 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, 200) }
```

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

```
.background{ background-color: rgb(211,  
216, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor