

Converting Colors

$Yxy(46.5936, 0.3395, 0.3263)$

Have a look what the booklet for
Yxy(46.5936, 0.3395, 0.3263)
contains.

Yxy(46.5285, 0.3399, 0.3266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.5285, 0.3399, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CEAEB0
RGB	206, 174, 176
RGB Percent	81%, 68%, 69%
CMY	0.1922, 0.3176, 0.3097
CMYK	0.00, 0.16, 0.15, 0.19
HSL	356°, 25%, 75%
HSV	356°, 16%, 81%
XYZ	48.4233, 46.5285, 47.5115
YIQ	183.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

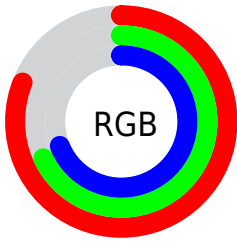
Format	Color
R _Y B	206, 174, 176
Decimal	13545136
CIE Lab	73.89, 11.89, 3.28
CIE LCh	74, 12.339, 15.422
Yxy	46.5285, 0.3399, 0.3266
Android (android.graphics.Color)	4291735216 (0xFFCEAEB0)
YUV	183.7960, -3.8434, 19.4729
Hunter-Lab	68.2118, 7.3457, 6.4511

Details

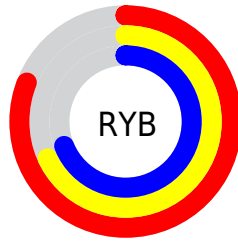
The Yxy color **46.5285, 0.3399, 0.3266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4915, 0.2907, 0.3314**, and the grayscale version is **47.8289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6798, 0.3287, 0.3271**, and **21.9536, 0.3466, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **38.4614, 0.3630, 0.3250**, and if you desaturate by 10%, it is **55.9289, 0.3213, 0.3282**.

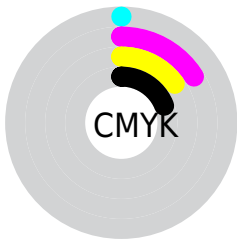
Distribution



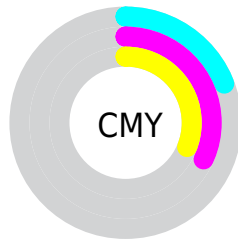
- Red (81%)
- Green (68%)
- Blue (69%)



- Red (81%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5285, 0.3399, 0.3266 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 46.5285, 0.3399, 0.3266 by changing the saturation by 10% instead.


 46.5285, 0.3399,
0.3266

 46.5285, 0.3399,
0.3266


372.9293, 0.3262,
0.3279

 32.6631, 0.3433,
0.3262


 85.0094, 0.3349,
0.3271

 21.8685, 0.3478,
0.3257


110.3936, 0.3331,
0.3273

 13.7603, 0.3537,
0.3251


140.3863, 0.3315,
0.3274

 7.9541, 0.3620,
0.3240

175.3717, 0.3301,
0.3276

 4.0656, 0.3745,
0.3224

215.7344, 0.3290,
0.3277

 1.7103, 0.3955,
0.3192

261.8586, 0.3279,

 0.4303, 0.5109,

0.3278

0.3144

314.1288, 0.3270,
0.3278

0.0000, 0.0000,
0.0000

46.5285, 0.3399,
0.3266

46.5285, 0.3399,
0.3266

38.4614, 0.3630,
0.3250

55.9289, 0.3213,
0.3282

31.6612, 0.3917,
0.3233

66.7125, 0.3065,
0.3296

26.0657, 0.4265,
0.3218

78.9343, 0.2945,
0.3310

21.6044, 0.4675,
0.3208

91.7461, 0.2847,
0.3307

18.1998, 0.5129,
0.3204

91.8590, 0.2838,
0.3289

■ 15.7648, 0.5587,
0.3211

■ 14.1980, 0.5986,
0.3231

■ 13.3756, 0.6261,
0.3260

■ 13.1479, 0.6342,
0.3267

Harmonies

Analogous

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



46.5285, 0.3257, 0.3128



46.5285, 0.3399, 0.3266



46.5285, 0.3467, 0.3414

Triad

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



46.5285, 0.3399, 0.3266



46.5285, 0.3165, 0.3567



46.5285, 0.2822, 0.3041

Complementary

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



46.5285, 0.3399, 0.3266



57.4915, 0.2907, 0.3314

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.



46.5285, 0.2799, 0.3152



46.5285, 0.3399, 0.3266



46.5285, 0.2994, 0.3460

Square

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



46.5285, 0.3399, 0.3266



46.5285, 0.3329, 0.3593



46.5285, 0.2861, 0.3306



46.5285, 0.2924, 0.2999

Rectangle

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



46.5285, 0.3399, 0.3266



46.5285, 0.3460, 0.3499



46.5285, 0.2861, 0.3306



46.5285, 0.2805, 0.3071

Sweetspot

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



46.5306, 0.3399, 0.3266



91.3873, 0.3206, 0.3282



47.5476, 0.3127, 0.2907



19.3115, 0.3218, 0.3281



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.



46.5306, 0.3399, 0.3266



70.3007, 0.3479, 0.3260



52.0840, 0.3391, 0.3460



11.2249, 0.3280, 0.3276



8.1028, 0.6326, 0.3258



0.4221, 0.6083, 0.3124

Inverse Universe

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



46.5306, 0.3399, 0.3266



70.3007, 0.3479, 0.3260



51.2103, 0.2887, 0.3114



11.2249, 0.3280, 0.3276



8.1028, 0.6326, 0.3258



0.4221, 0.6083, 0.3124

Previews

White Background



This preview shows how the Yxy color 46.5285, 0.3399, 0.3266 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 46.5285, 0.3399, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

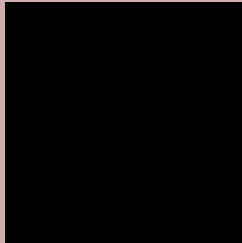
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5285, 0.3399, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 46.5285, 0.3399, 0.3266.



This preview shows how white text looks on a background with the Yxy color 46.5285, 0.3399, 0.3266.

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

46.5285, 0.3399, 0.3266

Protanopia

46.6573, 0.3169, 0.3303

Deuteranopia

46.7418, 0.3359, 0.3291



Tritanopia

46.3156, 0.3324, 0.3120

Trichromacy



Original Color

46.5285, 0.3399, 0.3266

Protanomaly

46.4329, 0.3251, 0.3278

Deuteranomaly

46.4910, 0.3370, 0.3278

Tritanomaly

46.5299, 0.3357, 0.3181

Monochromacy



Original Color

46.5285, 0.3399, 0.3266

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1852, 0.3223, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5285, 0.3399, 0.3266 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, 174, 176)` looks like.

```
.text, #text, p{  
    color:rgb(206, 174, 176)  
}
```

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, 174, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 174, 176) }
```

Border

The CSS property to change the border of an element to Yxy 46.5285, 0.3399, 0.3266 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, 174, 176) }
```

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

```
.border{ border-color:rgb(206, 174, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 174, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 174, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 174, 176);  
box-shadow:4px 4px 4px 4px rgb(206, 174,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5285, 0.3399, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 174, 176) }
```

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

```
.background{ background-color: rgb(206,  
174, 176) }
```

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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