

Converting Colors

$Y_{xy}(46.3910, 0.3355, 0.3258)$

Have a look what the booklet for
Yxy(46.3910, 0.3355, 0.3258)
contains.

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Color

Yxy(46.5308, 0.3362, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CBAFB1
RGB	203, 175, 177
RGB Percent	80%, 69%, 69%
CMY	0.2038, 0.3137, 0.3060
CMYK	0.00, 0.14, 0.13, 0.20
HSL	356°, 21%, 74%
HSV	356°, 14%, 80%
XYZ	47.8985, 46.5308, 48.0410
YIQ	183.6000, 16.0460, 6.5580

Conversions

Conversions Part 2

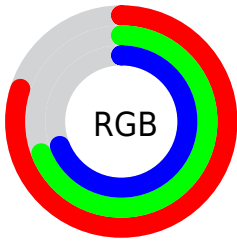
Format	Color
R _Y B	203, 175, 177
Decimal	13348785
CIE Lab	73.89, 10.44, 2.72
CIE LCh	74, 10.789, 14.614
Yxy	46.5308, 0.3362, 0.3266
Android (android.graphics.Color)	4291538865 (0xFFCBAFB1)
YUV	183.6000, -3.2538, 17.0138
Hunter-Lab	68.2135, 5.9665, 5.9930

Details

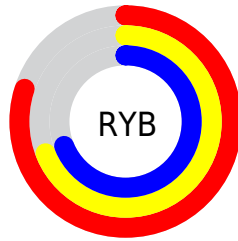
The Yxy color **46.5308, 0.3362, 0.3266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.0585, 0.2932, 0.3314**, and the grayscale version is **47.7143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2950, 0.3280, 0.3271**, and **22.0107, 0.3439, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **38.5141, 0.3583, 0.3247**, and if you desaturate by 10%, it is **55.8438, 0.3185, 0.3284**.

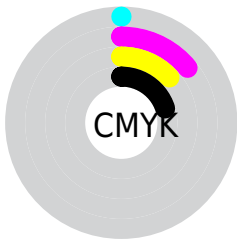
Distribution



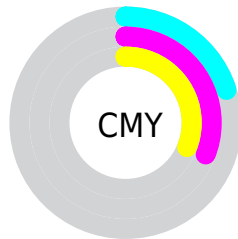
- Red (80%)
- Green (69%)
- Blue (69%)



- Red (80%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.5308, 0.3362, 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 46.5308, 0.3362, 0.3266 by changing the saturation by 10% instead.


 46.5308, 0.3362,
0.3266

 46.5308, 0.3362,
0.3266


372.9385, 0.3244,
0.3279

 32.6649, 0.3392,
0.3263


 85.0128, 0.3319,
0.3271

 21.8699, 0.3430,
0.3258


110.3977, 0.3303,
0.3273

 13.7613, 0.3481,
0.3252


140.3911, 0.3289,
0.3274

 7.9548, 0.3552,
0.3242

175.3773, 0.3278,
0.3275

 4.0661, 0.3660,
0.3227

215.7408, 0.3268,
0.3276

 1.7106, 0.3841,
0.3199

261.8659, 0.3259,

 0.4305, 0.4837,

0.3277

0.3136

314.1370, 0.3251,
0.3278

0.0000, 0.0000,
0.0000

46.5308, 0.3362,
0.3266

46.5308, 0.3362,
0.3266

38.5141, 0.3583,
0.3247

55.8438, 0.3185,
0.3284

31.7304, 0.3856,
0.3229

66.5006, 0.3043,
0.3300

26.1205, 0.4190,
0.3211

78.5535, 0.2928,
0.3315

21.6176, 0.4585,
0.3198

91.2772, 0.2835,
0.3316

18.1485, 0.5030,
0.3192

91.4406, 0.2822,
0.3289

■ 15.6309, 0.5489,
0.3197

■ 13.9703, 0.5905,
0.3216

■ 13.0525, 0.6210,
0.3247

■ 12.7333, 0.6332,
0.3262

Harmonies

Analogous

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



46.5308, 0.3237, 0.3145



46.5308, 0.3362, 0.3266



46.5308, 0.3423, 0.3396

Triad

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



46.5308, 0.3362, 0.3266



46.5308, 0.3165, 0.3533



46.5308, 0.2858, 0.3074

Complementary

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



46.5308, 0.3362, 0.3266



56.0585, 0.2932, 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.



46.5308, 0.2840, 0.3173



46.5308, 0.3362, 0.3266



46.5308, 0.3015, 0.3442

Square

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



46.5308, 0.3362, 0.3266



46.5308, 0.3307, 0.3554



46.5308, 0.2897, 0.3308



46.5308, 0.2946, 0.3035

Rectangle

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



46.5308, 0.3362, 0.3266



46.5308, 0.3419, 0.3471



46.5308, 0.2897, 0.3308



46.5308, 0.2844, 0.3101

Sweetspot

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



46.5329, 0.3362, 0.3266



93.0684, 0.3189, 0.3283



47.3469, 0.3123, 0.2950



19.6503, 0.3201, 0.3282



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.



46.5329, 0.3362, 0.3266



73.0640, 0.3432, 0.3260



51.1994, 0.3359, 0.3434



11.2263, 0.3279, 0.3274



8.1059, 0.6316, 0.3253



0.4228, 0.6045, 0.3104

Inverse Universe

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



46.5329, 0.3362, 0.3266



73.0640, 0.3432, 0.3260



50.8408, 0.2914, 0.3141



11.2263, 0.3279, 0.3274



8.1059, 0.6316, 0.3253



0.4228, 0.6045, 0.3104

Previews

White Background



This preview shows how the Yxy color 46.5308, 0.3362, 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 46.5308, 0.3362, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

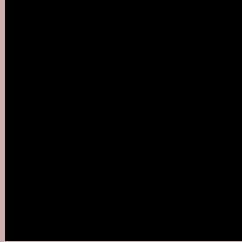
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5308, 0.3362, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 46.5308, 0.3362, 0.3266.



This preview shows how white text looks on a background with the Yxy color 46.5308, 0.3362, 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

46.5308, 0.3362, 0.3266

Protanopia

46.6573, 0.3169, 0.3303

Deuteranopia

46.6425, 0.3342, 0.3278



Tritanopia

46.3124, 0.3287, 0.3119

Trichromacy



Original Color

46.5308, 0.3362, 0.3266

Protanomaly

46.7013, 0.3241, 0.3290

Deuteranomaly

46.7815, 0.3351, 0.3278

Tritanomaly

46.5284, 0.3320, 0.3180

Monochromacy



Original Color

46.5308, 0.3362, 0.3266

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4603, 0.3213, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5308, 0.3362, 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(203, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(203, 175, 177)  
}
```

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(203, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 175, 177) }
```

Border

The CSS property to change the border of an element to Yxy 46.5308, 0.3362, 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(203, 175, 177) }
```

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

```
.border{ border-color:rgb(203, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(203, 175,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5308, 0.3362, 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(203, 175, 177) }
```

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

```
.background{ background-color: rgb(203,  
175, 177) }
```

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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