

Converting Colors

$Yxy(45.0789, 0.3348, 0.3184)$

Have a look what the booklet for
Yxy(45.0789, 0.3348, 0.3184)
contains.

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Color

Yxy(45.0770, 0.3350, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	CBABB3
RGB	203, 171, 179
RGB Percent	80%, 67%, 70%
CMY	0.2040, 0.3294, 0.2980
CMYK	0.00, 0.16, 0.12, 0.20
HSL	345°, 23%, 73%
HSV	345°, 16%, 80%
XYZ	47.3231, 45.0770, 48.8628
YIQ	181.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

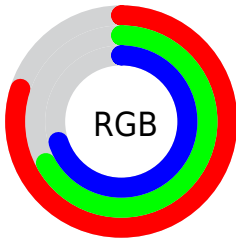
Format	Color
R _Y B	203, 171, 179
Decimal	13347763
CIE Lab	72.94, 12.92, 0.23
CIE LCh	73, 12.920, 1.010
Yxy	45.0770, 0.3350, 0.3191
Android (android.graphics.Color)	4291537843 (0xFFCBABB3)
YUV	181.4800, -1.2226, 18.8730
Hunter-Lab	67.1394, 8.3214, 3.8474

Details

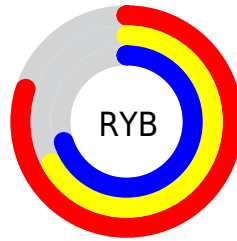
The Yxy color $45.0770, 0.3350, 0.3191$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.2955, 0.2944, 0.3391$, and the grayscale version is $46.4819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6509, 0.3271, 0.3201$, and $21.0896, 0.3424, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $37.4080, 0.3534, 0.3124$, and if you desaturate by 10%, it is $53.9954, 0.3200, 0.3255$.

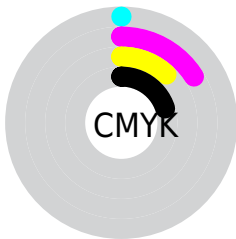
Distribution



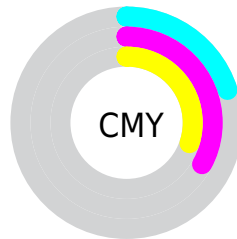
- Red (80%)
- Green (67%)
- Blue (70%)



- Red (80%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0770, 0.3350, 0.3191 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 45.0770, 0.3350, 0.3191 by changing the saturation by 10% instead.


 45.0770, 0.3350,
0.3191

 45.0770, 0.3350,
0.3191


367.0853, 0.3238,
0.3241

 31.5181, 0.3378,
0.3178


 82.8359, 0.3309,
0.3209

 20.9937, 0.3415,
0.3162


107.8048, 0.3294,
0.3216

 13.1194, 0.3464,
0.3140


137.3457, 0.3281,
0.3222

 7.5108, 0.3532,
0.3109

171.8431, 0.3270,
0.3227

 3.7836, 0.3636,
0.3063

211.6813, 0.3260,
0.3231

 1.5532, 0.3812,
0.2984

257.2449, 0.3252,

 0.3258, 0.4847,

0.3235

0.2526

308.9181, 0.3244,
0.3238

0.0000, 0.0000,
0.0000

45.0770, 0.3350,
0.3191

45.0770, 0.3350,
0.3191

37.4080, 0.3534,
0.3124

53.9954, 0.3200,
0.3255

30.9265, 0.3760,
0.3056

64.2093, 0.3078,
0.3315

25.5747, 0.4032,
0.2992

75.7700, 0.2980,
0.3370

21.2872, 0.4353,
0.2938

88.7240, 0.2899,
0.3420

17.9922, 0.4716,
0.2903

91.4322, 0.2821,
0.3289

■ 15.6085, 0.5105,
0.2900

■ 14.0425, 0.5487,
0.2936

■ 13.1782, 0.5819,
0.3012

■ 12.9297, 0.5944,
0.3048

Harmonies

Analogous

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



45.0770, 0.3176, 0.3063



45.0770, 0.3350, 0.3191



45.0770, 0.3464, 0.3346

Triad

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



45.0770, 0.3350, 0.3191



45.0770, 0.3254, 0.3608



45.0770, 0.2781, 0.3075

Complementary

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



45.0770, 0.3350, 0.3191



55.2955, 0.2944, 0.3391

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.



45.0770, 0.2801, 0.3218



45.0770, 0.3350, 0.3191



45.0770, 0.3071, 0.3534

Square

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



45.0770, 0.3350, 0.3191



45.0770, 0.3407, 0.3591



45.0770, 0.2906, 0.3388



45.0770, 0.2851, 0.2994

Rectangle

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



45.0770, 0.3350, 0.3191



45.0770, 0.3489, 0.3447



45.0770, 0.2906, 0.3388



45.0770, 0.2778, 0.3117

Sweetspot

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



45.0790, 0.3350, 0.3191



91.5328, 0.3191, 0.3259



44.9705, 0.3071, 0.2895



19.3467, 0.3201, 0.3255



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.



45.0790, 0.3350, 0.3191



70.7657, 0.3410, 0.3168



47.6615, 0.3407, 0.3384



11.2590, 0.3251, 0.3232



8.2437, 0.5910, 0.3029



0.4378, 0.5338, 0.2714

Inverse Universe

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



45.0790, 0.3350, 0.3191



70.7657, 0.3410, 0.3168



52.2305, 0.2887, 0.3194



11.2590, 0.3251, 0.3232



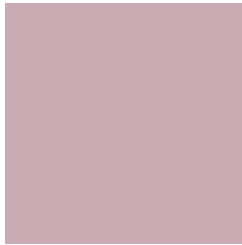
8.2437, 0.5910, 0.3029



0.4378, 0.5338, 0.2714

Previews

White Background



This preview shows how the Yxy color 45.0770, 0.3350, 0.3191 looks on a white background.

Color Contrast Check

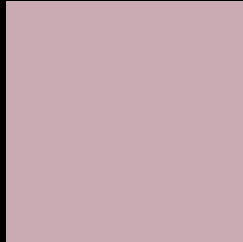
Large Text (above 18pt) WCAG AA × Fail

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 45.0770, 0.3350, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

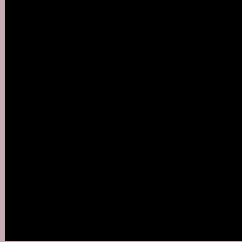
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0770, 0.3350, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 45.0770, 0.3350, 0.3191.



This preview shows how white text looks on a background with the Yxy color 45.0770, 0.3350, 0.3191.

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

45.0770, 0.3350, 0.3191

Protanopia

45.0834, 0.3113, 0.3225

Deuteranopia

45.0121, 0.3293, 0.3215



Tritanopia

45.0475, 0.3317, 0.3118

Trichromacy



Original Color

45.0770, 0.3350, 0.3191

Protanomaly

44.8562, 0.3193, 0.3200

Deuteranomaly

44.9018, 0.3312, 0.3202

Tritanomaly

44.9642, 0.3335, 0.3142

Monochromacy



Original Color

45.0770, 0.3350, 0.3191

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5584, 0.3208, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0770, 0.3350, 0.3191 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, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 179)  
}
```

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, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 179) }
```

Border

The CSS property to change the border of an element to Yxy 45.0770, 0.3350, 0.3191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

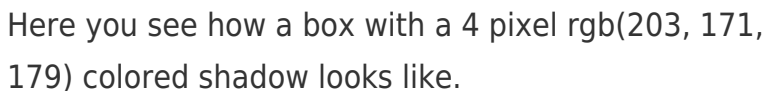
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 171, 179) }
```

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

```
.border{ border-color:rgb(203, 171, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 171, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 171, 179); box-shadow:4px 4px 4px 4px rgb(203, 171, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0770, 0.3350, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 179) }
```

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

```
.background{ background-color: rgb(203,  
171, 179) }
```

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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