

Converting Colors

$Yxy(47.9201, 0.3321, 0.3256)$

Have a look what the booklet for
Yxy(47.9201, 0.3321, 0.3256)
contains.

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Color

Yxy(47.8735, 0.3323, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	CBB2B5
RGB	203, 178, 181
RGB Percent	80%, 70%, 71%
CMY	0.2039, 0.3019, 0.2903
CMYK	0.00, 0.12, 0.11, 0.20
HSL	353°, 19%, 75%
HSV	353°, 12%, 80%
XYZ	48.8886, 47.8735, 50.3599
YIQ	185.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

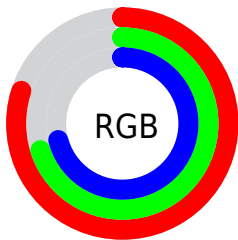
Format	Color
R _Y B	203, 178, 181
Decimal	13349557
CIE Lab	74.75, 9.47, 1.79
CIE LCh	75, 9.639, 10.687
Yxy	47.8735, 0.3323, 0.3254
Android (android.graphics.Color)	4291539637 (0xFFCBB2B5)
YUV	185.8170, -2.3748, 15.0695
Hunter-Lab	69.1907, 5.0406, 5.2797

Details

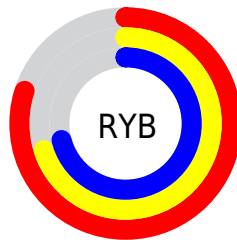
The Yxy color $47.8735, 0.3323, 0.3254$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.3556, 0.2960, 0.3326$, and the grayscale version is $49.0034, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2201, 0.3251, 0.3261$, and $22.6153, 0.3385, 0.3241$ is the 20% darker color. If you saturate the color by 10%, you get $39.6976, 0.3525, 0.3223$, and if you desaturate by 10%, it is $57.3436, 0.3160, 0.3284$.

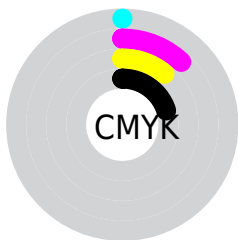
Distribution



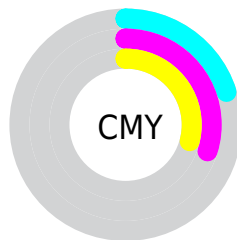
- Red (80%)
- Green (70%)
- Blue (71%)



- Red (80%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8735, 0.3323, 0.3254 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 47.8735, 0.3323, 0.3254 by changing the saturation by 10% instead.

 47.8735, 0.3323,
0.3254

 47.8735, 0.3323,
0.3254


378.2905, 0.3225,
0.3273

 33.7267, 0.3347,
0.3249


 87.0160, 0.3287,
0.3261

 22.6837, 0.3379,
0.3243


112.7806, 0.3274,
0.3263

 14.3602, 0.3420,
0.3235


143.1865, 0.3263,
0.3265

 8.3716, 0.3479,
0.3223

178.6182, 0.3253,
0.3267

 4.3336, 0.3566,
0.3205

219.4600, 0.3245,
0.3269

 1.8619, 0.3710,
0.3173

266.0964, 0.3237,

 0.5253, 0.4290,

0.3270

0.3085

318.9118, 0.3231,
0.3271

0.0000, 0.0000,
0.0000

47.8735, 0.3323,
0.3254

47.8735, 0.3323,
0.3254

39.6976, 0.3525,
0.3223

57.3436, 0.3160,
0.3284

32.7536, 0.3776,
0.3191

68.1539, 0.3029,
0.3311

26.9837, 0.4082,
0.3160

80.3561, 0.2923,
0.3335

22.3228, 0.4448,
0.3135

91.2820, 0.2834,
0.3315

18.6995, 0.4865,
0.3120

91.4382, 0.2822,
0.3289

■ 16.0344, 0.5310,
0.3121

■ 14.2360, 0.5734,
0.3144

■ 13.1954, 0.6078,
0.3188

■ 12.7642, 0.6264,
0.3225

Harmonies

Analogous

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



47.8735, 0.3207, 0.3150



47.8735, 0.3323, 0.3254



47.8735, 0.3386, 0.3370

Triad

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



47.8735, 0.3323, 0.3254



47.8735, 0.3178, 0.3510



47.8735, 0.2882, 0.3108

Complementary

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



47.8735, 0.3323, 0.3254



56.3556, 0.2960, 0.3326

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.



47.8735, 0.2876, 0.3201



47.8735, 0.3323, 0.3254



47.8735, 0.3044, 0.3437

Square

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



47.8735, 0.3323, 0.3254



47.8735, 0.3301, 0.3521



47.8735, 0.2934, 0.3323



47.8735, 0.2954, 0.3065

Rectangle

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



47.8735, 0.3323, 0.3254



47.8735, 0.3388, 0.3439



47.8735, 0.2934, 0.3323



47.8735, 0.2873, 0.3134

Sweetspot

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



47.8756, 0.3323, 0.3254



93.0981, 0.3186, 0.3279



48.3901, 0.3113, 0.2987



19.6578, 0.3198, 0.3276



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.



47.8756, 0.3323, 0.3254



75.9921, 0.3377, 0.3245



51.5273, 0.3334, 0.3403



11.2349, 0.3272, 0.3263



8.1291, 0.6242, 0.3212



0.4268, 0.5834, 0.2987

Inverse Universe

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



47.8756, 0.3323, 0.3254



75.9921, 0.3377, 0.3245



52.2915, 0.2938, 0.3174



11.2349, 0.3272, 0.3263



8.1291, 0.6242, 0.3212



0.4268, 0.5834, 0.2987

Previews

White Background



This preview shows how the Yxy color 47.8735, 0.3323, 0.3254 looks on a white background.

Color Contrast Check

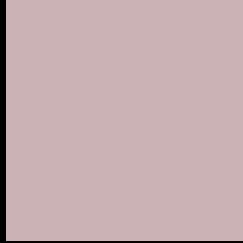
Large Text (above 18pt) WCAG AA × Fail

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 47.8735, 0.3323, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

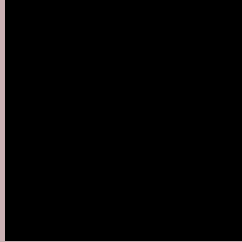
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8735, 0.3323, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 47.8735, 0.3323, 0.3254.



This preview shows how white text looks on a background with the Yxy color 47.8735, 0.3323, 0.3254.

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

47.8735, 0.3323, 0.3254

Protanopia

47.8925, 0.3153, 0.3277

Deuteranopia

47.8735, 0.3323, 0.3254



Tritanopia

47.9994, 0.3257, 0.3132

Trichromacy



Original Color

47.8735, 0.3323, 0.3254

Protanomaly

47.8041, 0.3214, 0.3265

Deuteranomaly

47.8735, 0.3323, 0.3254

Tritanomaly

47.8695, 0.3282, 0.3168

Monochromacy



Original Color

47.8735, 0.3323, 0.3254

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.5341, 0.3196, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8735, 0.3323, 0.3254 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, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 181)  
}
```

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, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 181) }
```

Border

The CSS property to change the border of an element to Yxy 47.8735, 0.3323, 0.3254 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, 178, 181) }
```

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

```
.border{ border-color:rgb(203, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 178,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8735, 0.3323, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 178, 181) }
```

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

```
.background{ background-color: rgb(203,  
178, 181) }
```

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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