

Converting Colors

$Yxy(48.4516, 0.3303, 0.3194)$

Have a look what the booklet for
Yxy(48.4516, 0.3303, 0.3194)
contains.

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Color

Yxy(48.5078, 0.3307, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	CEB2BA
RGB	206, 178, 186
RGB Percent	81%, 70%, 73%
CMY	0.1921, 0.3020, 0.2706
CMYK	0.00, 0.14, 0.10, 0.19
HSL	343°, 22%, 75%
HSV	343°, 14%, 81%
XYZ	50.2397, 48.5078, 53.1717
YIQ	187.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

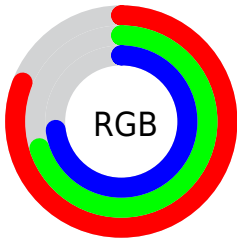
Format	Color
R _Y B	206, 178, 186
Decimal	13546170
CIE Lab	75.14, 11.41, -0.35
CIE LCh	75, 11.414, 358.236
Yxy	48.5078, 0.3307, 0.3193
Android (android.graphics.Color)	4291736250 (0xFFCEB2BA)
YUV	187.2840, -0.6330, 16.4139
Hunter-Lab	69.6475, 6.8763, 3.4889

Details

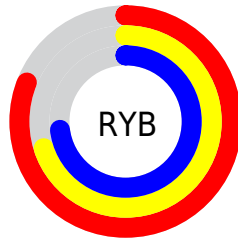
The Yxy color **48.5078, 0.3307, 0.3193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6912, 0.2974, 0.3389**, and the grayscale version is **49.8623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5164, 0.3219, 0.3212**, and **23.0361, 0.3363, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **40.3242, 0.3475, 0.3117**, and if you desaturate by 10%, it is **57.9912, 0.3170, 0.3265**.

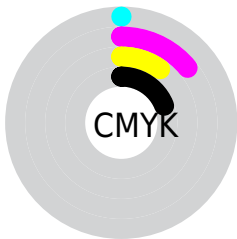
Distribution



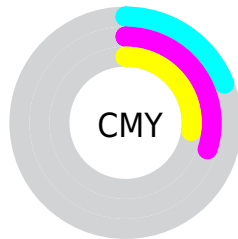
- Red (81%)
- Green (70%)
- Blue (73%)



- Red (81%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (19%)




- Cyan (19%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5078, 0.3307, 0.3193 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 48.5078, 0.3307, 0.3193 by changing the saturation by 10% instead.


 48.5078, 0.3307,
0.3193

 48.5078, 0.3307,
0.3193

380.8014, 0.3218,
0.3241

 34.2292, 0.3329,
0.3181


 87.9600, 0.3275,
0.3210

 23.0697, 0.3357,
0.3166


113.9024, 0.3263,
0.3217

 14.6450, 0.3395,
0.3146


144.5015, 0.3252,
0.3223

 8.5706, 0.3447,
0.3117

180.1416, 0.3243,
0.3227

 4.4622, 0.3525,
0.3076

221.2073, 0.3236,
0.3232

 1.9353, 0.3652,
0.3008

268.0829, 0.3229,

 0.5695, 0.4031,

0.3235

0.2800

321.1528, 0.3223,
0.3238

0.0000, 0.0000,
0.0000

48.5078, 0.3307,
0.3193

48.5078, 0.3307,
0.3193

40.3242, 0.3475,
0.3117

57.9912, 0.3170,
0.3265

33.3774, 0.3681,
0.3039

68.8212, 0.3058,
0.3332

27.6087, 0.3929,
0.2964

81.0500, 0.2968,
0.3394

22.9519, 0.4223,
0.2898

91.2277, 0.2891,
0.3395

19.3345, 0.4560,
0.2851

91.8636, 0.2838,
0.3289

■ 16.6752, 0.4926,
0.2834

■ 14.8804, 0.5298,
0.2858

■ 13.8373, 0.5638,
0.2927

■ 13.4380, 0.5830,
0.2985

Harmonies

Analogous

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



48.5078, 0.3155, 0.3085



48.5078, 0.3307, 0.3193



48.5078, 0.3411, 0.3327

Triad

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



48.5078, 0.3307, 0.3193



48.5078, 0.3251, 0.3565



48.5078, 0.2826, 0.3114

Complementary

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



48.5078, 0.3307, 0.3193



57.6912, 0.2974, 0.3389

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.



48.5078, 0.2851, 0.3242



48.5078, 0.3307, 0.3193



48.5078, 0.3093, 0.3508

Square

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



48.5078, 0.3307, 0.3193



48.5078, 0.3378, 0.3544



48.5078, 0.2948, 0.3388



48.5078, 0.2880, 0.3038

Rectangle

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



48.5078, 0.3307, 0.3193



48.5078, 0.3438, 0.3415



48.5078, 0.2948, 0.3388



48.5078, 0.2826, 0.3153

Sweetspot

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



48.5099, 0.3307, 0.3193



93.2035, 0.3176, 0.3262



48.2505, 0.3072, 0.2950



19.6844, 0.3185, 0.3257



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.



48.5099, 0.3307, 0.3193



74.9377, 0.3348, 0.3174



50.4542, 0.3366, 0.3359



11.2655, 0.3246, 0.3224



8.2882, 0.5793, 0.2965



0.4408, 0.5222, 0.2650

Inverse Universe

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



48.5099, 0.3307, 0.3193



74.9377, 0.3348, 0.3174



55.4206, 0.2920, 0.3220



11.2655, 0.3246, 0.3224



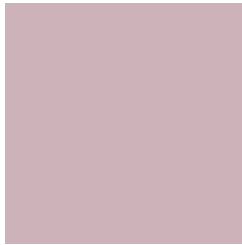
8.2882, 0.5793, 0.2965



0.4408, 0.5222, 0.2650

Previews

White Background



This preview shows how the Yxy color 48.5078, 0.3307, 0.3193 looks on a white background.

Color Contrast Check

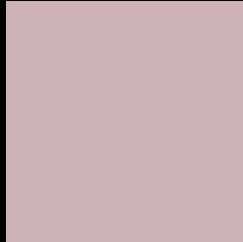
Large Text (above 18pt) WCAG AA × Fail

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 48.5078, 0.3307, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

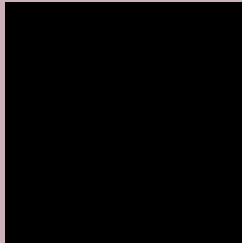
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5078, 0.3307, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 48.5078, 0.3307, 0.3193.



This preview shows how white text looks on a background with the Yxy color 48.5078, 0.3307, 0.3193.

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

48.5078, 0.3307, 0.3193

Protanopia

48.5635, 0.3106, 0.3214

Deuteranopia

48.4819, 0.3279, 0.3205



Tritanopia

48.4713, 0.3275, 0.3121

Trichromacy



Original Color

48.5078, 0.3307, 0.3193

Protanomaly

48.5994, 0.3174, 0.3203

Deuteranomaly

48.6227, 0.3288, 0.3205

Tritanomaly

48.3838, 0.3292, 0.3145

Monochromacy



Original Color

48.5078, 0.3307, 0.3193

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3382, 0.3188, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5078, 0.3307, 0.3193 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, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 186)  
}
```

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, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 186) }
```

Border

The CSS property to change the border of an element to Yxy 48.5078, 0.3307, 0.3193 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, 178, 186) }
```

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

```
.border{ border-color:rgb(206, 178, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5078, 0.3307, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 186) }
```

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

```
.background{ background-color: rgb(206,  
178, 186) }
```

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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