

Converting Colors

$Yxy(48.3141, 0.3309, 0.3197)$

Have a look what the booklet for
Yxy(48.3141, 0.3309, 0.3197)
contains.

Yxy(48.4654, 0.3315, 0.3205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.4654, 0.3315, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	CEB2B9
RGB	206, 178, 185
RGB Percent	81%, 70%, 73%
CMY	0.1922, 0.3019, 0.2744
CMYK	0.00, 0.14, 0.10, 0.19
HSL	345°, 22%, 75%
HSV	345°, 14%, 81%
XYZ	50.1288, 48.4654, 52.6239
YIQ	187.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

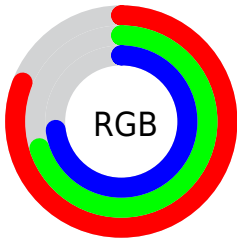
Format	Color
R _Y B	206, 178, 185
Decimal	13546169
CIE Lab	75.12, 11.23, 0.15
CIE LCh	75, 11.227, 0.744
Yxy	48.4654, 0.3315, 0.3205
Android (android.graphics.Color)	4291736249 (0xFFCEB2B9)
YUV	187.1700, -1.0698, 16.5139
Hunter-Lab	69.6171, 6.7016, 3.9144

Details

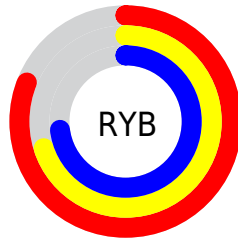
The Yxy color **48.4654, 0.3315, 0.3205** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7218, 0.2968, 0.3377**, and the grayscale version is **49.7958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4565, 0.3225, 0.3222**, and **23.0086, 0.3375, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **40.2594, 0.3492, 0.3138**, and if you desaturate by 10%, it is **57.9773, 0.3172, 0.3268**.

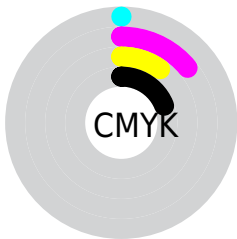
Distribution



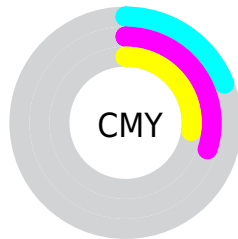
- Red (81%)
- Green (70%)
- Blue (73%)



- 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 48.4654, 0.3315, 0.3205 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 48.4654, 0.3315, 0.3205 by changing the saturation by 10% instead.


 48.4654, 0.3315,
0.3205

 48.4654, 0.3315,
0.3205


380.6339, 0.3222,
0.3247

 34.1956, 0.3338,
0.3194

 87.8969, 0.3281,
0.3220

 23.0439, 0.3368,
0.3181


113.8275, 0.3268,
0.3226

 14.6259, 0.3407,
0.3163


144.4137, 0.3258,
0.3231

 8.5573, 0.3462,
0.3138

180.0400, 0.3248,
0.3235

 4.4536, 0.3544,
0.3101

221.0907, 0.3240,
0.3239

 1.9304, 0.3677,
0.3040

267.9504, 0.3233,

 0.5665, 0.4092,

0.3242

0.2853

321.0033, 0.3227,
0.3245

0.0000, 0.0000,
0.0000

48.4654, 0.3315,
0.3205

48.4654, 0.3315,
0.3205

40.2594, 0.3492,
0.3138

57.9773, 0.3172,
0.3268

33.2958, 0.3708,
0.3070

68.8419, 0.3055,
0.3327

27.5156, 0.3970,
0.3004

81.1118, 0.2961,
0.3381

22.8525, 0.4280,
0.2947

91.3395, 0.2881,
0.3375

19.2335, 0.4636,
0.2908

91.8591, 0.2838,
0.3289

■ 16.5770, 0.5022,
0.2897

■ 14.7888, 0.5409,
0.2924

■ 13.7557, 0.5755,
0.2993

■ 13.3639, 0.5945,
0.3048

Harmonies

Analogous

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



48.4654, 0.3168, 0.3096



48.4654, 0.3315, 0.3205



48.4654, 0.3412, 0.3338

Triad

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



48.4654, 0.3315, 0.3205



48.4654, 0.3237, 0.3559



48.4654, 0.2833, 0.3109

Complementary

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



48.4654, 0.3315, 0.3205



57.7218, 0.2968, 0.3377

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.



48.4654, 0.2850, 0.3231



48.4654, 0.3315, 0.3205



48.4654, 0.3081, 0.3497

Square

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



48.4654, 0.3315, 0.3205



48.4654, 0.3365, 0.3545



48.4654, 0.2940, 0.3375



48.4654, 0.2891, 0.3039

Rectangle

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



48.4654, 0.3315, 0.3205



48.4654, 0.3434, 0.3424



48.4654, 0.2940, 0.3375



48.4654, 0.2830, 0.3145

Sweetspot

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



48.4675, 0.3315, 0.3205



93.1814, 0.3178, 0.3266



48.3768, 0.3080, 0.2951



19.6788, 0.3188, 0.3261



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.



48.4675, 0.3315, 0.3205



74.8596, 0.3358, 0.3188



50.8381, 0.3364, 0.3370



11.2591, 0.3251, 0.3232



8.2440, 0.5909, 0.3029



0.4379, 0.5337, 0.2714

Inverse Universe

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



48.4675, 0.3315, 0.3205



74.8596, 0.3358, 0.3188



54.9778, 0.2919, 0.3208



11.2591, 0.3251, 0.3232



8.2440, 0.5909, 0.3029



0.4379, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 48.4654, 0.3315, 0.3205 looks on a white background.

Color Contrast Check

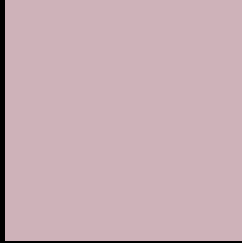
Large Text (above 18pt) WCAG AA × Fail

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 48.4654, 0.3315, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

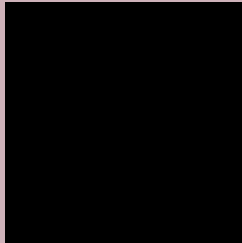
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4654, 0.3315, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 48.4654, 0.3315, 0.3205.



This preview shows how white text looks on a background with the Yxy color 48.4654, 0.3315, 0.3205.

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

48.4654, 0.3315, 0.3205

Protanopia

48.5199, 0.3113, 0.3226

Deuteranopia

48.4395, 0.3288, 0.3217



Tritanopia

48.4713, 0.3275, 0.3121

Trichromacy



Original Color

48.4654, 0.3315, 0.3205

Protanomaly

48.5561, 0.3182, 0.3215

Deuteranomaly

48.5804, 0.3296, 0.3217

Tritanomaly

48.3838, 0.3292, 0.3145

Monochromacy



Original Color

48.4654, 0.3315, 0.3205

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2955, 0.3196, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4654, 0.3315, 0.3205 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.4654, 0.3315, 0.3205 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, 185) }
```

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

```
.border{ border-color:rgb(206, 178, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4654, 0.3315, 0.3205 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, 185) }
```

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

```
.background{ background-color: rgb(206,  
178, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor