

Converting Colors

$Yxy(48.0307, 0.3301, 0.3169)$

Have a look what the booklet for
Yxy(48.0307, 0.3301, 0.3169)
contains.

Yxy(48.1539, 0.3300, 0.3169)	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(48.1539, 0.3300, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	CEB1BB
RGB	206, 177, 187
RGB Percent	81%, 69%, 73%
CMY	0.1921, 0.3059, 0.2667
CMYK	0.00, 0.14, 0.09, 0.19
HSL	339°, 23%, 75%
HSV	339°, 14%, 81%
XYZ	50.1445, 48.1539, 53.6546
YIQ	186.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

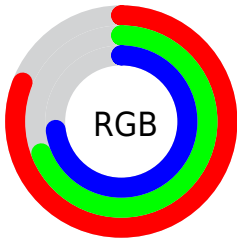
Format	Color
R _Y B	206, 177, 187
Decimal	13545915
CIE Lab	74.92, 12.11, -1.21
CIE LCh	75, 12.171, 354.296
Yxy	48.1539, 0.3300, 0.3169
Android (android.graphics.Color)	4291735995 (0xFFCEB1BB)
YUV	186.8110, 0.0932, 16.8288
Hunter-Lab	69.3930, 7.5491, 2.7321

Details

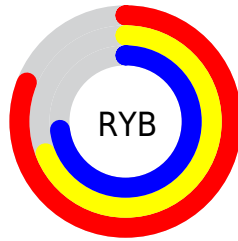
The Yxy color **48.1539, 0.3300, 0.3169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4795, 0.2980, 0.3414**, and the grayscale version is **49.5763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0089, 0.3213, 0.3193**, and **22.8119, 0.3353, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **40.0709, 0.3456, 0.3077**, and if you desaturate by 10%, it is **57.5241, 0.3172, 0.3256**.

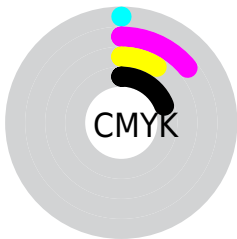
Distribution



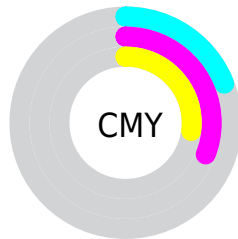
- Red (81%)
- Green (69%)
- Blue (73%)



- Red (81%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1539, 0.3300, 0.3169 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 48.1539, 0.3300, 0.3169 by changing the saturation by 10% instead.

 48.1539, 0.3300,
0.3169

 48.1539, 0.3300,
0.3169


379.4018, 0.3214,
0.3229

 33.9488, 0.3321,
0.3154


 87.4335, 0.3269,
0.3191

 22.8543, 0.3348,
0.3135


113.2768, 0.3257,
0.3199

 14.4859, 0.3385,
0.3110


143.7682, 0.3247,
0.3206

 8.4594, 0.3435,
0.3076

179.2922, 0.3239,
0.3212

 4.3903, 0.3509,
0.3025

220.2332, 0.3231,
0.3217

 1.8942, 0.3631,
0.2943

266.9755, 0.3225,

 0.5449, 0.3995,

0.3221

0.2676

319.9036, 0.3219,
0.3225

0.0000, 0.0000,
0.0000

48.1539, 0.3300,
0.3169

48.1539, 0.3300,
0.3169

40.0709, 0.3456,
0.3077

57.5241, 0.3172,
0.3256

33.2123, 0.3646,
0.2984

68.2279, 0.3068,
0.3337

27.5197, 0.3873,
0.2894

80.3174, 0.2983,
0.3412

22.9271, 0.4141,
0.2814

90.9955, 0.2911,
0.3436

19.3624, 0.4447,
0.2754

91.8335, 0.2840,
0.3294

■ 16.7441, 0.4780,
0.2728

■ 91.8625, 0.2838,
0.3289

■ 14.9788, 0.5122,
0.2746

■ 13.9530, 0.5444,
0.2814

■ 13.5758, 0.5619,
0.2869

Harmonies

Analogous

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



48.1539, 0.3134, 0.3060



48.1539, 0.3300, 0.3169



48.1539, 0.3421, 0.3310

Triad

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



48.1539, 0.3300, 0.3169



48.1539, 0.3280, 0.3587



48.1539, 0.2805, 0.3117

Complementary

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



48.1539, 0.3300, 0.3169



57.4795, 0.2980, 0.3414

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.



48.1539, 0.2842, 0.3259



48.1539, 0.3300, 0.3169



48.1539, 0.3113, 0.3536

Square

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



48.1539, 0.3300, 0.3169



48.1539, 0.3408, 0.3553



48.1539, 0.2954, 0.3414



48.1539, 0.2851, 0.3028

Rectangle

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



48.1539, 0.3300, 0.3169



48.1539, 0.3458, 0.3406



48.1539, 0.2954, 0.3414



48.1539, 0.2808, 0.3160

Sweetspot

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



48.1560, 0.3300, 0.3169



93.2404, 0.3172, 0.3256



47.6192, 0.3058, 0.2936



19.6937, 0.3181, 0.3250



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.



48.1560, 0.3300, 0.3169



73.6941, 0.3346, 0.3141



49.4895, 0.3378, 0.3344



11.2763, 0.3237, 0.3211



8.3756, 0.5580, 0.2848



0.4463, 0.5029, 0.2544

Inverse Universe

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



48.1560, 0.3300, 0.3169



73.6941, 0.3346, 0.3141



55.8835, 0.2913, 0.3235



11.2763, 0.3237, 0.3211



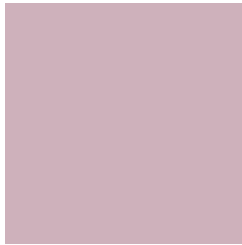
8.3756, 0.5580, 0.2848



0.4463, 0.5029, 0.2544

Previews

White Background



This preview shows how the Yxy color 48.1539, 0.3300, 0.3169 looks on a white background.

Color Contrast Check

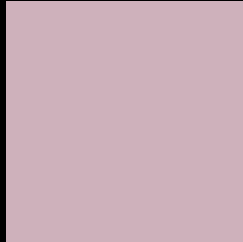
Large Text (above 18pt) WCAG AA × Fail

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 48.1539, 0.3300, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

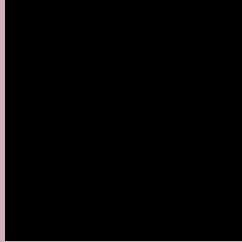
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1539, 0.3300, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 48.1539, 0.3300, 0.3169.



This preview shows how white text looks on a background with the Yxy color 48.1539, 0.3300, 0.3169.

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

48.1539, 0.3300, 0.3169

Protanopia

48.4817, 0.3090, 0.3201

Deuteranopia

48.2456, 0.3253, 0.3192



Tritanopia

47.8902, 0.3276, 0.3120

Trichromacy



Original Color

48.1539, 0.3300, 0.3169

Protanomaly

48.1029, 0.3158, 0.3177

Deuteranomaly

48.1252, 0.3272, 0.3180

Tritanomaly

47.8466, 0.3284, 0.3132

Monochromacy



Original Color

48.1539, 0.3300, 0.3169

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.9242, 0.3189, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1539, 0.3300, 0.3169 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, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 187)  
}
```

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, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.1539, 0.3300, 0.3169 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, 177, 187) }
```

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

```
.border{ border-color:rgb(206, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1539, 0.3300, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 187) }
```

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

```
.background{ background-color: rgb(206,  
177, 187) }
```

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