

Converting Colors

$Yxy(49.0511, 0.3388, 0.3207)$

Have a look what the booklet for
Yxy(49.0511, 0.3388, 0.3207)
contains.

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Color

Yxy(49.0511, 0.3388, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	D5B1B8
RGB	213, 177, 184
RGB Percent	84%, 69%, 72%
CMY	0.1646, 0.3059, 0.2785
CMYK	0.00, 0.17, 0.14, 0.16
HSL	348°, 30%, 76%
HSV	348°, 17%, 84%
XYZ	51.8195, 49.0511, 52.0795
YIQ	188.5620, 19.2090, 9.8090

Conversions

Conversions Part 2

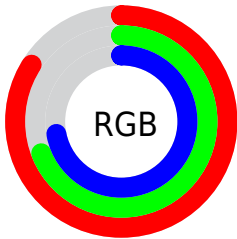
Format	Color
R _Y B	213, 177, 184
Decimal	14004664
CIE Lab	75.48, 14.14, 1.32
CIE LCh	75, 14.203, 5.329
Yxy	49.0511, 0.3388, 0.3207
Android (android.graphics.Color)	4292194744 (0xFFD5B1B8)
YUV	188.5620, -2.2491, 21.4321
Hunter-Lab	70.0365, 9.5070, 4.9372

Details

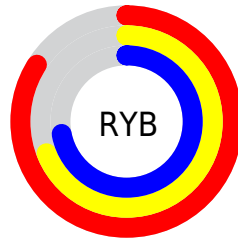
The Yxy color **49.0511, 0.3388, 0.3207** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.4067, 0.2917, 0.3375**, and the grayscale version is **50.6329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8291, 0.3232, 0.3222**, and **23.3231, 0.3463, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **40.6079, 0.3592, 0.3155**, and if you desaturate by 10%, it is **58.8996, 0.3223, 0.3257**.

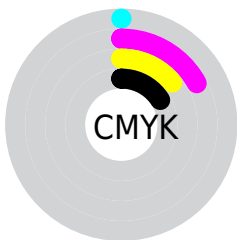
Distribution



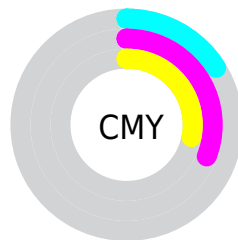
- Red (84%)
- Green (69%)
- Blue (72%)



- Red (84%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0511, 0.3388, 0.3207 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 49.0511, 0.3388, 0.3207 by changing the saturation by 10% instead.


 49.0511, 0.3388,
0.3207

 49.0511, 0.3388,
0.3207

382.9435, 0.3258,
0.3249

 34.6600, 0.3420,
0.3197


 88.7673, 0.3341,
0.3222

 23.4011, 0.3461,
0.3183

114.8613, 0.3323,
0.3228

 14.8900, 0.3516,
0.3165


145.6250, 0.3308,
0.3233

 8.7422, 0.3592,
0.3140

181.4428, 0.3296,
0.3237

 4.5734, 0.3704,
0.3102

222.6992, 0.3284,
0.3240

 1.9992, 0.3888,
0.3039

269.7785, 0.3275,

 0.6070, 0.4403,

0.3244

0.2890

323.0651, 0.3266,
0.3246

0.0000, 0.0000,
0.0000

49.0511, 0.3388,
0.3207

49.0511, 0.3388,
0.3207

40.6079, 0.3592,
0.3155

58.8996, 0.3223,
0.3257

33.4997, 0.3843,
0.3102

70.2066, 0.3089,
0.3304

27.6596, 0.4146,
0.3053

83.0307, 0.2981,
0.3347

23.0127, 0.4503,
0.3015

92.7402, 0.2890,
0.3313

19.4761, 0.4902,
0.2995

92.8902, 0.2877,
0.3289

■ 16.9560, 0.5320,
0.3003

■ 15.3432, 0.5711,
0.3045

■ 14.4955, 0.6028,
0.3118

■ 14.3129, 0.6109,
0.3139

Harmonies

Analogous

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



49.0511, 0.3208, 0.3065



49.0511, 0.3388, 0.3207



49.0511, 0.3498, 0.3374

Triad

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



49.0511, 0.3388, 0.3207



49.0511, 0.3235, 0.3625



49.0511, 0.2763, 0.3042

Complementary

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



49.0511, 0.3388, 0.3207



61.4067, 0.2917, 0.3375

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.



49.0511, 0.2771, 0.3188



49.0511, 0.3388, 0.3207



49.0511, 0.3039, 0.3533

Square

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



49.0511, 0.3388, 0.3207



49.0511, 0.3406, 0.3620



49.0511, 0.2870, 0.3369



49.0511, 0.2850, 0.2968

Rectangle

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



49.0511, 0.3388, 0.3207



49.0511, 0.3514, 0.3479



49.0511, 0.2870, 0.3369



49.0511, 0.2755, 0.3084

Sweetspot

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



49.0533, 0.3388, 0.3207



91.4890, 0.3195, 0.3266



49.3444, 0.3086, 0.2866



19.3361, 0.3206, 0.3263



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.



49.0533, 0.3388, 0.3207



69.2959, 0.3451, 0.3190



53.2077, 0.3427, 0.3420



12.4598, 0.3261, 0.3245



8.7519, 0.6078, 0.3122



0.5396, 0.5602, 0.2860

Inverse Universe

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



49.0533, 0.3388, 0.3207



69.2959, 0.3451, 0.3190



56.4956, 0.2867, 0.3157



12.4598, 0.3261, 0.3245



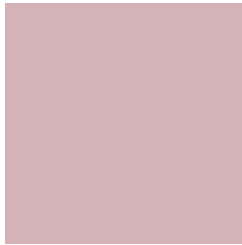
8.7519, 0.6078, 0.3122



0.5396, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 49.0511, 0.3388, 0.3207 looks on a white background.

Color Contrast Check

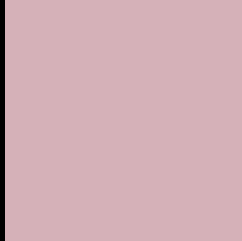
Large Text (above 18pt) WCAG AA × Fail

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 49.0511, 0.3388, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

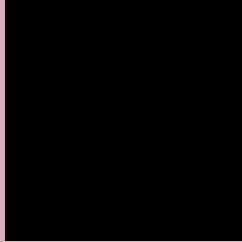
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0511, 0.3388, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 49.0511, 0.3388, 0.3207.



This preview shows how white text looks on a background with the Yxy color 49.0511, 0.3388, 0.3207.

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

49.0511, 0.3388, 0.3207

Protanopia

49.1909, 0.3130, 0.3240

Deuteranopia

49.0405, 0.3321, 0.3254



Tritanopia

49.0645, 0.3347, 0.3125

Trichromacy



Original Color

49.0511, 0.3388, 0.3207

Protanomaly

49.0495, 0.3224, 0.3228

Deuteranomaly

49.0690, 0.3349, 0.3242

Tritanomaly

48.9776, 0.3364, 0.3148

Monochromacy



Original Color

49.0511, 0.3388, 0.3207

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.2915, 0.3221, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0511, 0.3388, 0.3207 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(213, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 184)  
}
```

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(213, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.0511, 0.3388, 0.3207 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(213, 177, 184) }
```

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

```
.border{ border-color:rgb(213, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0511, 0.3388, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 184) }
```

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

```
.background{ background-color: rgb(213,  
177, 184) }
```

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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