

Converting Colors

$Y_{xy}(49.7597, 0.3313, 0.3238)$

Have a look what the booklet for
Yxy(49.7597, 0.3313, 0.3238)
contains.

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Color

Yxy(49.8159, 0.3320, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	CFB5B9
RGB	207, 181, 185
RGB Percent	81%, 71%, 73%
CMY	0.1882, 0.2902, 0.2745
CMYK	0.00, 0.13, 0.11, 0.19
HSL	351°, 21%, 76%
HSV	351°, 13%, 81%
XYZ	51.0144, 49.8159, 52.8276
YIQ	189.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

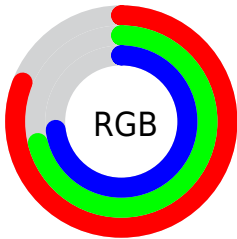
Format	Color
R_{YB}	207, 181, 185
Decimal	13612473
CIE Lab	75.96, 9.98, 1.39
CIE LCh	76, 10.072, 7.928
Yxy	49.8159, 0.3320, 0.3242
Android (android.graphics.Color)	4291802553 (0xFFCFB5B9)
YUV	189.2300, -2.0854, 15.5843
Hunter-Lab	70.5804, 5.5014, 5.0292

Details

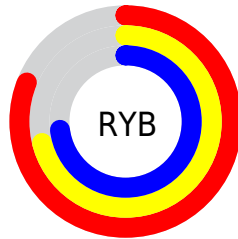
The Yxy color **49.8159, 0.3320, 0.3242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7649, 0.2963, 0.3339**, and the grayscale version is **51.0350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1792, 0.3223, 0.3251**, and **23.7797, 0.3368, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **41.3209, 0.3515, 0.3201**, and if you desaturate by 10%, it is **59.6572, 0.3162, 0.3281**.

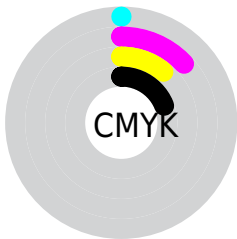
Distribution



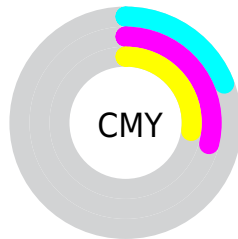
- Red (81%)
- Green (71%)
- Blue (73%)



- Red (81%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8159, 0.3320, 0.3242 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 49.8159, 0.3320, 0.3242 by changing the saturation by 10% instead.


 49.8159, 0.3320,
0.3242

 49.8159, 0.3320,
0.3242


385.9456, 0.3224,
0.3266

 35.2671, 0.3344,
0.3236


 89.9020, 0.3285,
0.3251

 23.8687, 0.3374,
0.3228


116.2082, 0.3272,
0.3254

 15.2363, 0.3414,
0.3218


147.2023, 0.3261,
0.3257

 8.9854, 0.3469,
0.3203

183.2687, 0.3252,
0.3259

 4.7316, 0.3552,
0.3181

224.7919, 0.3244,
0.3261

 2.0907, 0.3686,
0.3144

272.1561, 0.3236,

 0.6594, 0.4048,

0.3263

0.3066

325.7459, 0.3230,
0.3265

0.0000, 0.0000,
0.0000

49.8159, 0.3320,
0.3242

49.8159, 0.3320,
0.3242

41.3209, 0.3515,
0.3201

59.6572, 0.3162,
0.3281

34.1074, 0.3757,
0.3159

70.8928, 0.3035,
0.3316

28.1149, 0.4052,
0.3119

83.5766, 0.2932,
0.3349

23.2757, 0.4403,
0.3086

92.0064, 0.2844,
0.3289

19.5154, 0.4805,
0.3064

■ 16.7507, 0.5236,
0.3063

■ 14.8863, 0.5655,
0.3089

■ 13.8079, 0.6005,
0.3143

■ 13.3699, 0.6199,
0.3189

Harmonies

Analogous

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



49.8159, 0.3197, 0.3137



49.8159, 0.3320, 0.3242



49.8159, 0.3391, 0.3361

Triad

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



49.8159, 0.3320, 0.3242



49.8159, 0.3193, 0.3521



49.8159, 0.2871, 0.3109

Complementary

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



49.8159, 0.3320, 0.3242



58.7649, 0.2963, 0.3339

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.



49.8159, 0.2871, 0.3209



49.8159, 0.3320, 0.3242



49.8159, 0.3054, 0.3451

Square

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



49.8159, 0.3320, 0.3242



49.8159, 0.3316, 0.3526



49.8159, 0.2937, 0.3335



49.8159, 0.2939, 0.3060

Rectangle

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



49.8159, 0.3320, 0.3242



49.8159, 0.3398, 0.3434



49.8159, 0.2937, 0.3335



49.8159, 0.2863, 0.3138

Sweetspot

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



49.8181, 0.3320, 0.3242



93.1204, 0.3184, 0.3275



50.2047, 0.3105, 0.2980



19.6634, 0.3195, 0.3272



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.



49.8181, 0.3320, 0.3242



76.0651, 0.3367, 0.3232



53.2870, 0.3340, 0.3395



11.8375, 0.3267, 0.3254



8.4319, 0.6173, 0.3174



0.4811, 0.5718, 0.2923

Inverse Universe

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



49.8181, 0.3320, 0.3242



76.0651, 0.3367, 0.3232



54.8725, 0.2934, 0.3182



11.8375, 0.3267, 0.3254



8.4319, 0.6173, 0.3174



0.4811, 0.5718, 0.2923

Previews

White Background



This preview shows how the Yxy color 49.8159, 0.3320, 0.3242 looks on a white background.

Color Contrast Check

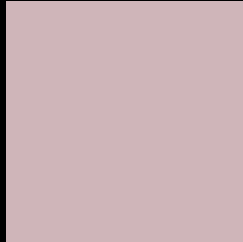
Large Text (above 18pt) WCAG AA × Fail

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 49.8159, 0.3320, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

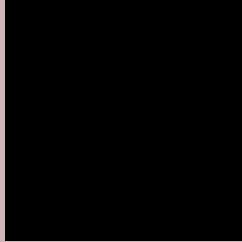
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8159, 0.3320, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 49.8159, 0.3320, 0.3242.



This preview shows how white text looks on a background with the Yxy color 49.8159, 0.3320, 0.3242.

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

49.8159, 0.3320, 0.3242

Protanopia

49.6958, 0.3145, 0.3265

Deuteranopia

49.6723, 0.3311, 0.3242



Tritanopia

49.9475, 0.3255, 0.3123

Trichromacy



Original Color

49.8159, 0.3320, 0.3242

Protanomaly

49.6046, 0.3205, 0.3253

Deuteranomaly

49.6723, 0.3311, 0.3242

Tritanomaly

49.8140, 0.3280, 0.3158

Monochromacy



Original Color

49.8159, 0.3320, 0.3242

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.4844, 0.3195, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8159, 0.3320, 0.3242 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(207, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 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(207, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 185) }
```

Border

The CSS property to change the border of an element to Yxy 49.8159, 0.3320, 0.3242 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(207, 181, 185) }
```

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

```
.border{ border-color:rgb(207, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 185);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8159, 0.3320, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 185) }
```

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

```
.background{ background-color: rgb(207,  
181, 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](#).

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