

Converting Colors

$Y_{xy}(50.5511, 0.3222, 0.3084)$

Have a look what the booklet for
Yxy(50.5511, 0.3222, 0.3084)
contains.

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Color

Yxy(50.5349, 0.3222, 0.3088)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D0B5C6 |
| RGB | 208, 181, 198 |
| RGB Percent | 82%, 71%, 78% |
| CMY | 0.1843, 0.2902, 0.2236 |
| CMYK | 0.00, 0.13, 0.05, 0.18 |
| HSL | 322°, 22%, 76% |
| HSV | 322°, 13%, 82% |
| XYZ | 52.7278, 50.5349, 60.3866 |
| YIQ | 191.0110, 10.6350, 11.0110 |

Conversions

Conversions Part 2

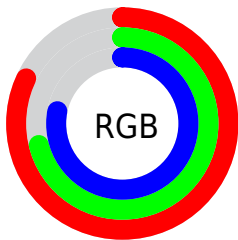
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 208, 181, 198 |
| Decimal | 13678022 |
| CIE Lab | 76.40, 12.58, -5.02 |
| CIE LCh | 76, 13.541, 338.258 |
| Yxy | 50.5349, 0.3222, 0.3088 |
| Android (android.graphics.Color) | 4291868102 (0xFFD0B5C6) |
| YUV | 191.0110, 3.4456, 14.8994 |
| Hunter-Lab | 71.0879, 7.9944, -0.6032 |

Details

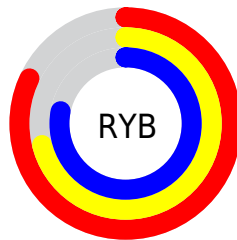
The Yxy color **50.5349, 0.3222, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7015, 0.3043, 0.3501**, and the grayscale version is **52.0829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.2243, 0.3244, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **42.3524, 0.3311, 0.2925**, and if you desaturate by 10%, it is **60.0029, 0.3147, 0.3245**.

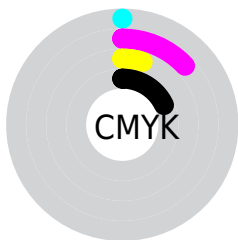
Distribution



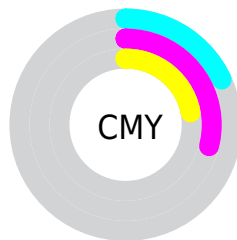
- Red (82%)
- Green (71%)
- Blue (78%)



- Red (82%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5349, 0.3222, 0.3088 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 50.5349, 0.3222, 0.3088 by changing the saturation by 10% instead.


 50.5349, 0.3222,
0.3088

 50.5349, 0.3222,
0.3088


388.7541, 0.3176,
0.3186

 35.8386, 0.3233,
0.3064


 90.9669, 0.3206,
0.3123

 24.3096, 0.3247,
0.3034


117.4714, 0.3199,
0.3136

 15.5634, 0.3265,
0.2995


148.6807, 0.3194,
0.3148

 9.2158, 0.3290,
0.2942

184.9793, 0.3189,
0.3158

 4.8822, 0.3326,
0.2866

226.7516, 0.3185,
0.3166

 2.1783, 0.3382,
0.2747

274.3818, 0.3182,

 0.7081, 0.3495,

0.3174

0.2505

328.2545, 0.3179,
0.3180

0.0000, 0.0000,
0.0000

50.5349, 0.3222,
0.3088

50.5349, 0.3222,
0.3088

42.3524, 0.3311,
0.2925

60.0029, 0.3147,
0.3245

35.3927, 0.3415,
0.2759

70.8022, 0.3084,
0.3393

29.5977, 0.3536,
0.2598

82.9848, 0.3032,
0.3531

24.9022, 0.3673,
0.2449

90.5809, 0.2988,
0.3566

21.2342, 0.3824,
0.2323

91.0219, 0.2946,
0.3483

■ 18.5134, 0.3987,
0.2232

■ 91.4823, 0.2905,
0.3401

■ 16.6470, 0.4155,
0.2185

■ 91.9624, 0.2864,
0.3320

■ 15.5235, 0.4321,
0.2190

■ 92.1505, 0.2849,
0.3289

■ 15.0424, 0.4436,
0.2217

Harmonies

Analogous

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



50.5349, 0.3035, 0.3000



50.5349, 0.3222, 0.3088



50.5349, 0.3387, 0.3227

Triad

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



50.5349, 0.3222, 0.3088



50.5349, 0.3377, 0.3606



50.5349, 0.2785, 0.3178

Complementary

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



50.5349, 0.3222, 0.3088



58.7015, 0.3043, 0.3501

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.



50.5349, 0.2872, 0.3348



50.5349, 0.3222, 0.3088



50.5349, 0.3211, 0.3601

Square

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



50.5349, 0.3222, 0.3088



50.5349, 0.3478, 0.3524



50.5349, 0.3026, 0.3506



50.5349, 0.2787, 0.3046

Rectangle

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



50.5349, 0.3222, 0.3088



50.5349, 0.3460, 0.3332



50.5349, 0.3026, 0.3506



50.5349, 0.2805, 0.3233

Sweetspot

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



50.5371, 0.3222, 0.3088



93.4223, 0.3154, 0.3229



48.6689, 0.3001, 0.2958



19.7397, 0.3160, 0.3217



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.



50.5371, 0.3222, 0.3088



75.7366, 0.3249, 0.3036



49.9471, 0.3332, 0.3247



11.9315, 0.3194, 0.3145



9.3941, 0.4414, 0.2205



0.5403, 0.4136, 0.2052

Inverse Universe

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



50.5371, 0.3222, 0.3088



75.7366, 0.3249, 0.3036



59.3175, 0.2954, 0.3334



11.9315, 0.3194, 0.3145



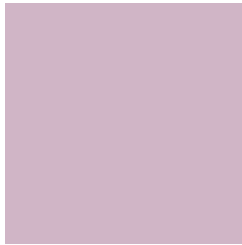
9.3941, 0.4414, 0.2205



0.5403, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 50.5349, 0.3222, 0.3088 looks on a white background.

Color Contrast Check

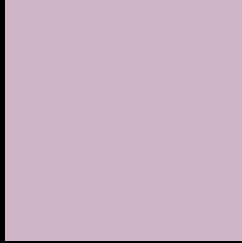
Large Text (above 18pt) WCAG AA × Fail

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 50.5349, 0.3222, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

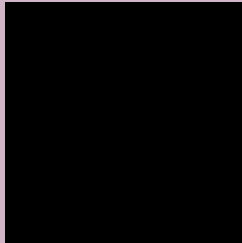
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5349, 0.3222, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 50.5349, 0.3222, 0.3088.



This preview shows how white text looks on a background with the Yxy color 50.5349, 0.3222, 0.3088.

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

50.5349, 0.3222, 0.3088

Protanopia

50.4963, 0.3022, 0.3104

Deuteranopia

50.6407, 0.3178, 0.3109



Tritanopia

50.4432, 0.3238, 0.3111

Trichromacy



Original Color

50.5349, 0.3222, 0.3088

Protanomaly

50.5171, 0.3087, 0.3094

Deuteranomaly

50.5123, 0.3195, 0.3098

Tritanomaly

50.4889, 0.3230, 0.3099

Monochromacy



Original Color

50.5349, 0.3222, 0.3088

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3060, 0.3156, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5349, 0.3222, 0.3088 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(208, 181, 198)` looks like.

```
.text, #text, p{  
    color:rgb(208, 181, 198)  
}
```

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(208, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 181, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.5349, 0.3222, 0.3088 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(208, 181, 198) }
```

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

```
.border{ border-color:rgb(208, 181, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 181, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 181, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 181, 198); box-shadow:4px 4px 4px 4px rgb(208, 181, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5349, 0.3222, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 181, 198) }
```

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

```
.background{ background-color: rgb(208,  
181, 198) }
```

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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