

Converting Colors

$Yxy(50.1549, 0.3258, 0.2879)$

Have a look what the booklet for
Yxy(50.1549, 0.3258, 0.2879)
contains.

Yxy(50.0202, 0.3259, 0.2881)	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(50.0202, 0.3259, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	DEADD1
RGB	222, 173, 209
RGB Percent	87%, 68%, 82%
CMY	0.1294, 0.3216, 0.1802
CMYK	0.00, 0.22, 0.06, 0.13
HSL	316°, 43%, 77%
HSV	316°, 22%, 87%
XYZ	56.5831, 50.0202, 67.0177
YIQ	191.7550, 17.6480, 21.5840

Conversions

Conversions Part 2

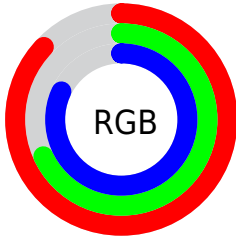
Format	Color
R _Y B	222, 173, 209
Decimal	14593489
CIE Lab	76.08, 23.71, -11.37
CIE LCh	76, 26.296, 334.391
Yxy	50.0202, 0.3259, 0.2881
Android (android.graphics.Color)	4292783569 (0xFFDEADD1)
YUV	191.7550, 8.5018, 26.5249
Hunter-Lab	70.7250, 19.0392, -6.6747

Details

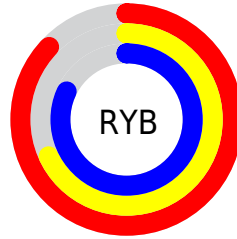
The Yxy color **50.0202, 0.3259, 0.2881** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.6780, 0.3017, 0.3737**, and the grayscale version is **52.5064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **23.9065, 0.3282, 0.2767** is the 20% darker color. If you saturate the color by 10%, you get **41.9181, 0.3334, 0.2690**, and if you desaturate by 10%, it is **59.5521, 0.3194, 0.3070**.

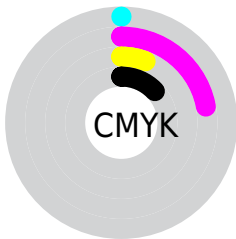
Distribution



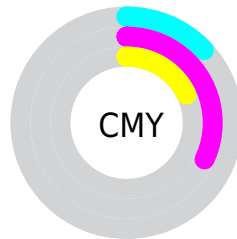
- Red (87%)
- Green (68%)
- Blue (82%)



- Red (87%)
- Yellow (68%)
- Blue (82%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0202, 0.3259, 0.2881 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 50.0202, 0.3259, 0.2881 by changing the saturation by 10% instead.


 50.0202, 0.3259,
0.2881

 50.0202, 0.3259,
0.2881


386.7449, 0.3197,
0.3076

 35.4294, 0.3273,
0.2835

 90.2048, 0.3237,
0.2950

 23.9939, 0.3291,
0.2777


116.5674, 0.3229,
0.2976

 15.3291, 0.3314,
0.2703


147.6228, 0.3222,
0.2999

 9.0507, 0.3344,
0.2603

183.7554, 0.3215,
0.3019

 4.7742, 0.3385,
0.2464

225.3495, 0.3210,
0.3036

 2.1154, 0.3445,
0.2255

272.7895, 0.3205,

 0.6733, 0.3554,

0.3051

0.1872

326.4599, 0.3201,
0.3064

0.0000, 0.3407,
0.0000

0.0000, 0.0000,
0.0000

50.0202, 0.3259,
0.2881

50.0202, 0.3259,
0.2881

41.9181, 0.3334,
0.2690

59.5521, 0.3194,
0.3070

35.1693, 0.3420,
0.2504

70.5724, 0.3138,
0.3253

29.7001, 0.3515,
0.2332

83.1443, 0.3090,
0.3426

25.4270, 0.3618,
0.2184

92.9093, 0.3052,
0.3521

■ 22.2568, 0.3726,
0.2071

■ 93.2500, 0.3019,
0.3459

■ 20.0822, 0.3836,
0.2001

■ 93.6020, 0.2987,
0.3398

■ 18.7744, 0.3944,
0.1980

■ 93.9654, 0.2955,
0.3338

■ 18.1848, 0.4027,
0.1992

■ 94.2719, 0.2929,
0.3289

Harmonies

Analogous

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



50.0202, 0.2899, 0.2732



50.0202, 0.3259, 0.2881



50.0202, 0.3599, 0.3126

Triad

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



50.0202, 0.3259, 0.2881



50.0202, 0.3643, 0.3892



50.0202, 0.2488, 0.3099

Complementary

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



50.0202, 0.3259, 0.2881



64.6780, 0.3017, 0.3737

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.



50.0202, 0.2665, 0.3442



50.0202, 0.3259, 0.2881



50.0202, 0.3327, 0.3924

Square

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



50.0202, 0.3259, 0.2881



50.0202, 0.3825, 0.3697



50.0202, 0.2969, 0.3757



50.0202, 0.2472, 0.2837

Rectangle

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



50.0202, 0.3259, 0.2881



50.0202, 0.3760, 0.3318



50.0202, 0.2969, 0.3757



50.0202, 0.2530, 0.3209

Sweetspot

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



50.0224, 0.3259, 0.2881



88.8346, 0.3164, 0.3163



45.5053, 0.2851, 0.2692



18.8187, 0.3168, 0.3152



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.



50.0224, 0.3259, 0.2881



63.6669, 0.3289, 0.2802



48.9305, 0.3465, 0.3148



13.8704, 0.3178, 0.3119



10.8191, 0.4012, 0.1984



0.7645, 0.3861, 0.1901

Inverse Universe

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



50.0224, 0.3259, 0.2881



63.6669, 0.3289, 0.2802



65.7752, 0.2872, 0.3437



13.8704, 0.3178, 0.3119



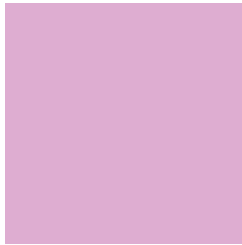
10.8191, 0.4012, 0.1984



0.7645, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 50.0202, 0.3259, 0.2881 looks on a white background.

Color Contrast Check

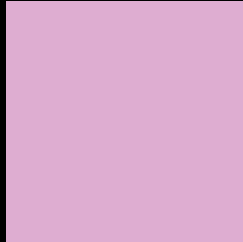
Large Text (above 18pt) WCAG AA × Fail

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 50.0202, 0.3259, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

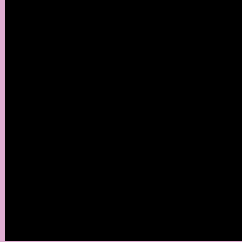
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0202, 0.3259, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 50.0202, 0.3259, 0.2881.



This preview shows how white text looks on a background with the Yxy color 50.0202, 0.3259, 0.2881.

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

50.0202, 0.3259, 0.2881

Protanopia

50.1249, 0.2861, 0.2897

Deuteranopia

50.2423, 0.3058, 0.3000



Tritanopia

49.8284, 0.3391, 0.3127

Trichromacy



Original Color

50.0202, 0.3259, 0.2881

Protanomaly

49.8244, 0.2998, 0.2883

Deuteranomaly

49.9161, 0.3126, 0.2947

Tritanomaly

49.9068, 0.3341, 0.3036

Monochromacy



Original Color

50.0202, 0.3259, 0.2881

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4717, 0.3176, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0202, 0.3259, 0.2881 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(222, 173, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 209)  
}
```

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(222, 173, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.0202, 0.3259, 0.2881 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(222, 173, 209) }
```

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

```
.border{ border-color:rgb(222, 173, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 173, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 173, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 173, 209); box-shadow:4px 4px 4px 4px rgb(222, 173, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0202, 0.3259, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 209) }
```

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

```
.background{ background-color: rgb(222,  
173, 209) }
```

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