

Converting Colors

Yxy(50.4823, 0.3424, 0.3149)

Have a look what the booklet for
Yxy(50.4823, 0.3424, 0.3149)
contains.

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Color

Yxy(50.6480, 0.3425, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	DEB1BD
RGB	222, 177, 189
RGB Percent	87%, 69%, 74%
CMY	0.1293, 0.3059, 0.2589
CMYK	0.00, 0.20, 0.15, 0.13
HSL	344°, 41%, 78%
HSV	344°, 20%, 87%
XYZ	55.0347, 50.6480, 55.0026
YIQ	191.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

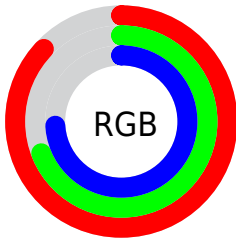
Format	Color
R _Y B	222, 177, 189
Decimal	14594493
CIE Lab	76.47, 18.19, 0.14
CIE LCh	76, 18.187, 0.439
Yxy	50.6480, 0.3425, 0.3152
Android (android.graphics.Color)	4292784573 (0xFFDEB1BD)
YUV	191.8230, -1.3917, 26.4652
Hunter-Lab	71.1674, 13.4935, 3.9942

Details

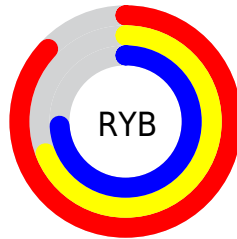
The Yxy color **50.6480, 0.3425, 0.3152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.2589, 0.2896, 0.3433**, and the grayscale version is **52.6034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1304, 0.3200, 0.3173**, and **24.2999, 0.3500, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **41.9130, 0.3625, 0.3080**, and if you desaturate by 10%, it is **60.8940, 0.3262, 0.3222**.

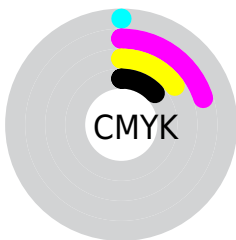
Distribution



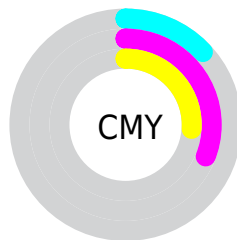
- Red (87%)
- Green (69%)
- Blue (74%)



- Red (87%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6480, 0.3425, 0.3152 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 50.6480, 0.3425, 0.3152 by changing the saturation by 10% instead.


 50.6480, 0.3425,
0.3152

 50.6480, 0.3425,
0.3152


389.1946, 0.3278,
0.3220

 35.9285, 0.3461,
0.3135


 91.1342, 0.3372,
0.3177

 24.3790, 0.3507,
0.3114


117.6698, 0.3352,
0.3186

 15.6150, 0.3568,
0.3085


148.9129, 0.3335,
0.3194

 9.2521, 0.3652,
0.3046

185.2479, 0.3320,
0.3201

 4.9060, 0.3775,
0.2989

227.0592, 0.3308,
0.3206

 2.1922, 0.3972,
0.2897

274.7311, 0.3297,

 0.7157, 0.4379,

0.3212

0.2709

328.6481, 0.3287,
0.3216

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6480, 0.3425,
0.3152

50.6480, 0.3425,
0.3152

41.9130, 0.3625,
0.3080

60.8940, 0.3262,
0.3222

34.6106, 0.3867,
0.3008

72.7109, 0.3130,
0.3288

28.6657, 0.4157,
0.2943

86.1637, 0.3023,
0.3349

23.9936, 0.4494,
0.2894

94.2201, 0.2933,
0.3298

■ 20.5000, 0.4866,
0.2870

■ 94.2736, 0.2929,
0.3289

■ 18.0773, 0.5251,
0.2884

■ 16.5979, 0.5612,
0.2941

■ 15.8498, 0.5907,
0.3028

Harmonies

Analogous

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



50.6480, 0.3187, 0.2984



50.6480, 0.3425, 0.3152



50.6480, 0.3584, 0.3358

Triad

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



50.6480, 0.3425, 0.3152



50.6480, 0.3301, 0.3726



50.6480, 0.2663, 0.2999

Complementary

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



50.6480, 0.3425, 0.3152



66.2589, 0.2896, 0.3433

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.



50.6480, 0.2691, 0.3193



50.6480, 0.3425, 0.3152



50.6480, 0.3053, 0.3627

Square

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



50.6480, 0.3425, 0.3152



50.6480, 0.3508, 0.3695



50.6480, 0.2832, 0.3427



50.6480, 0.2752, 0.2893

Rectangle

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



50.6480, 0.3425, 0.3152



50.6480, 0.3619, 0.3494



50.6480, 0.2832, 0.3427



50.6480, 0.2659, 0.3056

Sweetspot

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



50.6503, 0.3425, 0.3152



89.9213, 0.3203, 0.3251



50.4234, 0.3052, 0.2773



19.0224, 0.3212, 0.3246



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.



50.6503, 0.3425, 0.3152



64.4114, 0.3498, 0.3124



54.4632, 0.3506, 0.3413



13.7601, 0.3250, 0.3228



9.4278, 0.5871, 0.3008



0.6681, 0.5429, 0.2764

Inverse Universe

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



50.6503, 0.3425, 0.3152



64.4114, 0.3498, 0.3124



61.4692, 0.2817, 0.3163



13.7601, 0.3250, 0.3228



9.4278, 0.5871, 0.3008



0.6681, 0.5429, 0.2764

Previews

White Background



This preview shows how the Yxy color 50.6480, 0.3425, 0.3152 looks on a white background.

Color Contrast Check

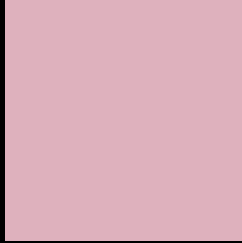
Large Text (above 18pt) WCAG AA × Fail

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 50.6480, 0.3425, 0.3152 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 50.6480, 0.3425, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 50.6480, 0.3425, 0.3152.



This preview shows how white text looks on a background with the Yxy color 50.6480, 0.3425, 0.3152.

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

50.6480, 0.3425, 0.3152

Protanopia

50.8537, 0.3090, 0.3203

Deuteranopia

50.7632, 0.3292, 0.3230



Tritanopia

50.6916, 0.3416, 0.3140

Trichromacy



Original Color

50.6480, 0.3425, 0.3152

Protanomaly

50.6878, 0.3208, 0.3181

Deuteranomaly

50.6756, 0.3339, 0.3207

Tritanomaly

50.6916, 0.3416, 0.3140

Monochromacy



Original Color

50.6480, 0.3425, 0.3152

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9987, 0.3230, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6480, 0.3425, 0.3152 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, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(222, 177, 189)  
}
```

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, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 177, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.6480, 0.3425, 0.3152 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, 177, 189) }
```

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

```
.border{ border-color:rgb(222, 177, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 177, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(222, 177,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6480, 0.3425, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 177, 189) }
```

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

```
.background{ background-color: rgb(222,  
177, 189) }
```

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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