

Converting Colors

$Yxy(50.5903, 0.3475, 0.3244)$

Have a look what the booklet for
Yxy(50.5903, 0.3475, 0.3244)
contains.

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Color

Yxy(50.5903, 0.3475, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DDB2B6
RGB	221, 178, 182
RGB Percent	87%, 70%, 71%
CMY	0.1332, 0.3020, 0.2862
CMYK	0.00, 0.19, 0.18, 0.13
HSL	354°, 39%, 78%
HSV	354°, 19%, 87%
XYZ	54.1928, 50.5903, 51.1673
YIQ	191.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

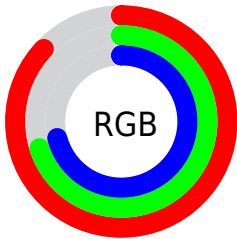
Format	Color
R _Y B	221, 178, 182
Decimal	14529206
CIE Lab	76.43, 16.20, 3.87
CIE LCh	76, 16.658, 13.436
Yxy	50.5903, 0.3475, 0.3244
Android (android.graphics.Color)	4292719286 (0xFFDDB2B6)
YUV	191.3130, -4.5913, 26.0355
Hunter-Lab	71.1269, 11.5302, 7.1367

Details

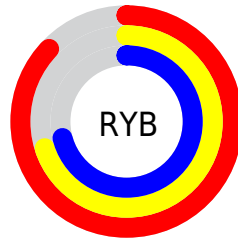
The Yxy color **50.5903, 0.3475, 0.3244** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.2105, 0.2860, 0.3337**, and the grayscale version is **52.3112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2787, 0.3244, 0.3251**, and **24.2515, 0.3570, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **41.7242, 0.3720, 0.3219**, and if you desaturate by 10%, it is **60.9968, 0.3278, 0.3268**.

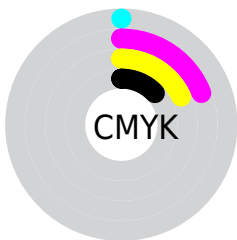
Distribution



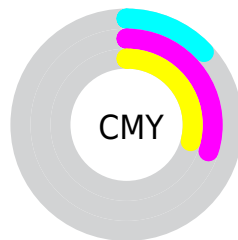
- Red (87%)
- Green (70%)
- Blue (71%)



- Red (87%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5903, 0.3475, 0.3244 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 50.5903, 0.3475, 0.3244 by changing the saturation by 10% instead.

 50.5903, 0.3475,
0.3244

 50.5903, 0.3475,
0.3244


388.9699, 0.3303,
0.3268

 35.8827, 0.3518,
0.3238


 91.0489, 0.3413,
0.3253

 24.3436, 0.3572,
0.3229


117.5686, 0.3389,
0.3257

 15.5887, 0.3644,
0.3217


148.7945, 0.3369,
0.3259

 9.2336, 0.3744,
0.3200

185.1109, 0.3352,
0.3262

 4.8938, 0.3891,
0.3173

226.9023, 0.3337,
0.3264

 2.1851, 0.4129,
0.3126

274.5529, 0.3324,

 0.7119, 0.4735,

0.3266

0.3081

328.4474, 0.3313,
0.3267

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5903, 0.3475,
0.3244

50.5903, 0.3475,
0.3244

41.7242, 0.3720,
0.3219

60.9968, 0.3278,
0.3268

34.3189, 0.4022,
0.3195

73.0047, 0.3120,
0.3291

28.2979, 0.4384,
0.3173

86.6802, 0.2993,
0.3312

23.5752, 0.4804,
0.3160

94.1190, 0.2923,
0.3289

■ 20.0551, 0.5258,
0.3159

■ 17.6286, 0.5699,
0.3174

■ 16.1672, 0.6063,
0.3208

■ 15.4607, 0.6300,
0.3248

■ 15.4318, 0.6310,
0.3250

Harmonies

Analogous

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



50.5903, 0.3282, 0.3069



50.5903, 0.3475, 0.3244



50.5903, 0.3573, 0.3436

Triad

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



50.5903, 0.3475, 0.3244



50.5903, 0.3190, 0.3663



50.5903, 0.2723, 0.2970

Complementary

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



50.5903, 0.3475, 0.3244



66.2105, 0.2860, 0.3337

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.



50.5903, 0.2702, 0.3118



50.5903, 0.3475, 0.3244



50.5903, 0.2965, 0.3527

Square

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



50.5903, 0.3475, 0.3244



50.5903, 0.3403, 0.3687



50.5903, 0.2789, 0.3323



50.5903, 0.2849, 0.2912

Rectangle

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



50.5903, 0.3475, 0.3244



50.5903, 0.3568, 0.3551



50.5903, 0.2789, 0.3323



50.5903, 0.2704, 0.3010

Sweetspot

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



50.5926, 0.3475, 0.3244



89.7622, 0.3220, 0.3276



51.7703, 0.3114, 0.2803



18.9850, 0.3231, 0.3275



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.



50.5926, 0.3475, 0.3244



65.1539, 0.3560, 0.3235



57.7173, 0.3473, 0.3490



13.0712, 0.3277, 0.3269



8.9679, 0.6289, 0.3238



0.5879, 0.5999, 0.3079

Inverse Universe

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



50.5926, 0.3475, 0.3244



65.1539, 0.3560, 0.3235



57.7871, 0.2824, 0.3081



13.0712, 0.3277, 0.3269



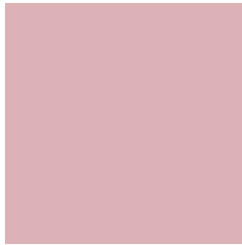
8.9679, 0.6289, 0.3238



0.5879, 0.5999, 0.3079

Previews

White Background



This preview shows how the Yxy color 50.5903, 0.3475, 0.3244 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 50.5903, 0.3475, 0.3244 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 50.5903, 0.3475, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 50.5903, 0.3475, 0.3244.



This preview shows how white text looks on a background with the Yxy color 50.5903, 0.3475, 0.3244.

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

50.5903, 0.3475, 0.3244

Protanopia

50.8037, 0.3160, 0.3290

Deuteranopia

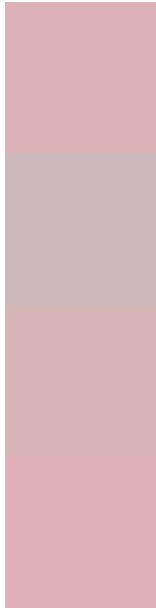
50.4937, 0.3378, 0.3303



Tritanopia

50.6916, 0.3416, 0.3140

Trichromacy



Original Color

50.5903, 0.3475, 0.3244

Protanomaly

50.5227, 0.3273, 0.3266

Deuteranomaly

50.6801, 0.3415, 0.3291

Tritanomaly

50.5617, 0.3442, 0.3175

Monochromacy



Original Color

50.5903, 0.3475, 0.3244

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3052, 0.3246, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5903, 0.3475, 0.3244 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(221, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 178, 182)  
}
```

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(221, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.5903, 0.3475, 0.3244 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(221, 178, 182) }
```

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

```
.border{ border-color:rgb(221, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 178, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 178, 182); box-shadow:4px 4px 4px 4px rgb(221, 178, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5903, 0.3475, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 178, 182) }
```

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

```
.background{ background-color: rgb(221,  
178, 182) }
```

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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