

Converting Colors

$Yxy(43.3260, 0.3477, 0.3132)$

Have a look what the booklet for
Yxy(43.3260, 0.3477, 0.3132)
contains.

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Color

Yxy(43.3260, 0.3477, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	D4A3B0
RGB	212, 163, 176
RGB Percent	83%, 64%, 69%
CMY	0.1684, 0.3609, 0.3097
CMYK	0.00, 0.23, 0.17, 0.17
HSL	344°, 36%, 74%
HSV	344°, 23%, 83%
XYZ	48.0985, 43.3260, 46.9088
YIQ	179.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

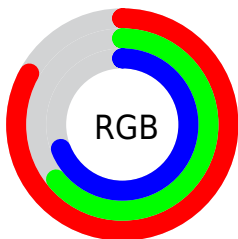
Format	Color
R _Y B	212, 163, 176
Decimal	13935536
CIE Lab	71.78, 20.10, 0.28
CIE LCh	72, 20.103, 0.812
Yxy	43.3260, 0.3477, 0.3132
Android (android.graphics.Color)	4292125616 (0xFFD4A3B0)
YUV	179.1330, -1.5446, 28.8244
Hunter-Lab	65.8225, 15.2460, 3.8223

Details

The Yxy color **43.3260, 0.3477, 0.3132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0253, 0.2866, 0.3455**, and the grayscale version is **45.1554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2290, 0.3300, 0.3151**, and **19.9922, 0.3578, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **35.8379, 0.3687, 0.3060**, and if you desaturate by 10%, it is **52.1513, 0.3305, 0.3203**.

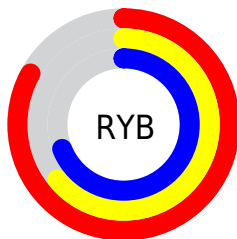
Distribution



Red (83%)

Green (64%)

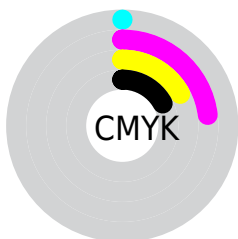
Blue (69%)



Red (83%)

Yellow (64%)

Blue (69%)

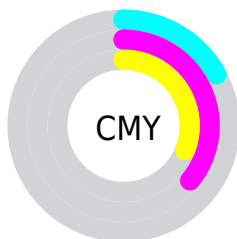


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (17%)



Cyan (17%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3260, 0.3477, 0.3132 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 43.3260, 0.3477, 0.3132 by changing the saturation by 10% instead.

 43.3260, 0.3477,
0.3132


 43.3260, 0.3477,
0.3132


359.9507, 0.3300,
0.3212

 30.1410, 0.3522,
0.3112


 80.2026, 0.3412,
0.3161

 19.9456, 0.3580,
0.3085


 104.6629, 0.3388,
0.3172

 12.3555, 0.3658,
0.3050


133.6505, 0.3367,
0.3182

 6.9863, 0.3769,
0.2999

167.5497, 0.3350,
0.3190

 3.4535, 0.3938,
0.2922

206.7449, 0.3335,
0.3196

 1.3728, 0.4225,
0.2790

251.6206, 0.3322,

 0.1966, 0.6343,

0.3202

0.1840

302.5611, 0.3310,
0.3208

0.0000, 0.0000,
0.0000

43.3260, 0.3477,
0.3132

43.3260, 0.3477,
0.3132

35.8379, 0.3687,
0.3060

52.1513, 0.3305,
0.3203

29.6159, 0.3942,
0.2990

62.3687, 0.3165,
0.3270

24.5909, 0.4245,
0.2928

74.0372, 0.3052,
0.3332

20.6852, 0.4592,
0.2885

87.2106, 0.2960,
0.3389

17.8117, 0.4970,
0.2870

92.6741, 0.2878,
0.3301

■ 15.8700, 0.5351,
0.2895

■ 92.7458, 0.2872,
0.3289

■ 14.7397, 0.5698,
0.2963

■ 14.2944, 0.5902,
0.3025

Harmonies

Analogous

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



43.3260, 0.3200, 0.2938



43.3260, 0.3477, 0.3132



43.3260, 0.3661, 0.3369

Triad

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



43.3260, 0.3477, 0.3132



43.3260, 0.3324, 0.3799



43.3260, 0.2590, 0.2948

Complementary

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



43.3260, 0.3477, 0.3132



59.0253, 0.2866, 0.3455

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.



43.3260, 0.2621, 0.3172



43.3260, 0.3477, 0.3132



43.3260, 0.3036, 0.3683

Square

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



43.3260, 0.3477, 0.3132



43.3260, 0.3567, 0.3762



43.3260, 0.2781, 0.3446



43.3260, 0.2694, 0.2828

Rectangle

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



43.3260, 0.3477, 0.3132



43.3260, 0.3701, 0.3527



43.3260, 0.2781, 0.3446



43.3260, 0.2585, 0.3013

Sweetspot

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



43.3280, 0.3477, 0.3132



88.3195, 0.3217, 0.3244



43.0816, 0.3039, 0.2698



18.6994, 0.3225, 0.3240



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.



43.3280, 0.3477, 0.3132



59.6660, 0.3580, 0.3095



47.0884, 0.3570, 0.3431



12.4744, 0.3250, 0.3228



8.8335, 0.5866, 0.3005



0.5466, 0.5366, 0.2730

Inverse Universe

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



43.3280, 0.3477, 0.3132



59.6660, 0.3580, 0.3095



54.1310, 0.2775, 0.3144



12.4744, 0.3250, 0.3228



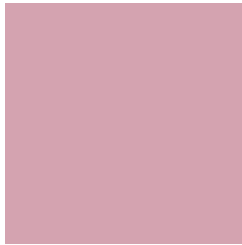
8.8335, 0.5866, 0.3005



0.5466, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 43.3260, 0.3477, 0.3132 looks on a white background.

Color Contrast Check

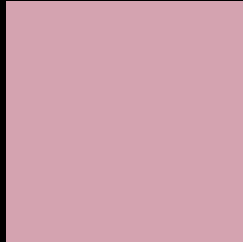
Large Text (above 18pt) WCAG AA × Fail

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 43.3260, 0.3477, 0.3132 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 43.3260, 0.3477, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 43.3260, 0.3477, 0.3132.



This preview shows how white text looks on a background with the Yxy color 43.3260, 0.3477, 0.3132.

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

43.3260, 0.3477, 0.3132

Protanopia

43.4260, 0.3080, 0.3184

Deuteranopia

43.3139, 0.3304, 0.3226



Tritanopia

43.3260, 0.3477, 0.3132

Trichromacy



Original Color

43.3260, 0.3477, 0.3132

Protanomaly

43.3683, 0.3223, 0.3174

Deuteranomaly

43.1501, 0.3374, 0.3190

Tritanomaly

43.3260, 0.3477, 0.3132

Monochromacy



Original Color

43.3260, 0.3477, 0.3132

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.1779, 0.3247, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3260, 0.3477, 0.3132 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(212, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 163, 176)  
}
```

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(212, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 163, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.3260, 0.3477, 0.3132 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(212, 163, 176) }
```

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

```
.border{ border-color:rgb(212, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 163,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3260, 0.3477, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 163, 176) }
```

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

```
.background{ background-color: rgb(212,  
163, 176) }
```

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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