

Converting Colors

Yxy(51.0767, 0.3428, 0.3383)

Have a look what the booklet for
Yxy(51.0767, 0.3428, 0.3383)
contains.

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Color

Yxy(51.2645, 0.3425, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	D3B8B0
RGB	211, 184, 176
RGB Percent	83%, 72%, 69%
CMY	0.1726, 0.2784, 0.3097
CMYK	0.00, 0.13, 0.17, 0.17
HSL	14°, 28%, 76%
HSV	14°, 17%, 83%
XYZ	51.8397, 51.2645, 48.2525
YIQ	191.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

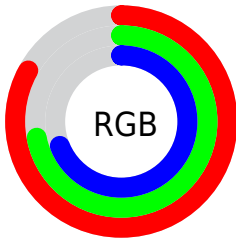
Format	Color
R _Y B	211, 186, 176
Decimal	13875376
CIE Lab	76.84, 8.35, 7.59
CIE LCh	77, 11.281, 42.254
Yxy	51.2645, 0.3425, 0.3387
Android (android.graphics.Color)	4292065456 (0xFFD3B8B0)
YUV	191.1610, -7.4744, 17.3988
Hunter-Lab	71.5992, 3.9399, 10.1625

Details

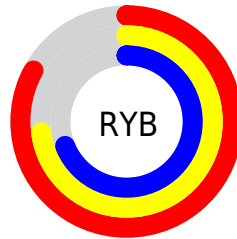
The Yxy color **51.2645, 0.3425, 0.3387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6508, 0.2874, 0.3191**, and the grayscale version is **52.2360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4064, 0.3277, 0.3369**, and **24.7558, 0.3501, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **44.1148, 0.3654, 0.3450**, and if you desaturate by 10%, it is **59.3273, 0.3234, 0.3327**.

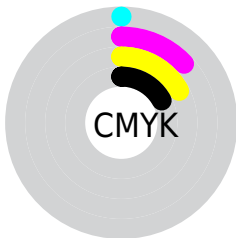
Distribution



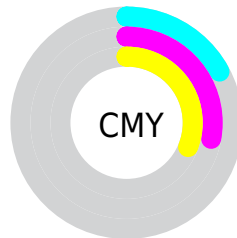
- Red (83%)
- Green (72%)
- Blue (69%)



- Red (83%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2645, 0.3425, 0.3387 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 51.2645, 0.3425, 0.3387 by changing the saturation by 10% instead.


 51.2645, 0.3425,
0.3387

 51.2645, 0.3425,
0.3387


391.5906, 0.3278,
0.3341

 36.4192, 0.3461,
0.3398


 92.0456, 0.3372,
0.3371

 24.7581, 0.3508,
0.3411


118.7502, 0.3352,
0.3365

 15.8969, 0.3569,
0.3428


150.1766, 0.3335,
0.3359

 9.4512, 0.3654,
0.3451


186.7093, 0.3320,
0.3355

 5.0367, 0.3779,
0.3482

228.7327, 0.3307,
0.3351

 2.2688, 0.3980,
0.3526

276.6311, 0.3296,

 0.7571, 0.4684,

0.3347

0.3829

330.7889, 0.3286,
0.3344

0.0000, 0.0000,
0.0000

51.2645, 0.3425,
0.3387

51.2645, 0.3425,
0.3387

44.1148, 0.3654,
0.3450

59.3273, 0.3234,
0.3327

37.8391, 0.3927,
0.3513

68.3269, 0.3076,
0.3271

32.4053, 0.4247,
0.3573

78.2948, 0.2944,
0.3220

27.7772, 0.4611,
0.3623

88.9045, 0.2863,
0.3229

23.9154, 0.5008,
0.3652

92.5864, 0.2866,
0.3289

■ 20.7773, 0.5409,
0.3652

■ 18.3158, 0.5773,
0.3613

■ 16.4770, 0.6055,
0.3537

■ 15.9730, 0.6136,
0.3510

Harmonies

Analogous

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



51.2645, 0.3357, 0.3255



51.2645, 0.3425, 0.3387



51.2645, 0.3411, 0.3498

Triad

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



51.2645, 0.3425, 0.3387



51.2645, 0.3025, 0.3453



51.2645, 0.2935, 0.3033

Complementary

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



51.2645, 0.3425, 0.3387



56.6508, 0.2874, 0.3191

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.



51.2645, 0.2850, 0.3078



51.2645, 0.3425, 0.3387



51.2645, 0.2901, 0.3320

Square

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



51.2645, 0.3425, 0.3387



51.2645, 0.3177, 0.3540



51.2645, 0.2838, 0.3181



51.2645, 0.3071, 0.3055

Rectangle

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



51.2645, 0.3425, 0.3387



51.2645, 0.3357, 0.3544



51.2645, 0.2838, 0.3181



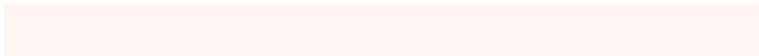
51.2645, 0.2899, 0.3040

Sweetspot

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



51.2668, 0.3425, 0.3387



93.0875, 0.3209, 0.3318



49.2407, 0.3208, 0.2968



19.7230, 0.3221, 0.3322



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.



51.2668, 0.3425, 0.3387



74.5472, 0.3504, 0.3410



58.7930, 0.3392, 0.3587



12.2398, 0.3285, 0.3344



9.7705, 0.6111, 0.3529



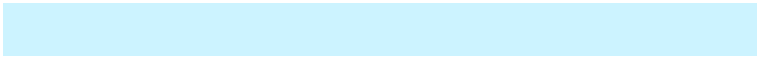
0.6695, 0.5747, 0.3819

Inverse Universe

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



56.6508, 0.2874, 0.3191



84.3742, 0.2819, 0.3167



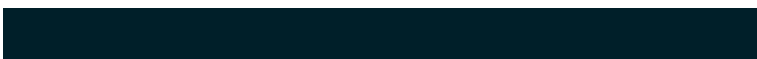
49.0262, 0.2864, 0.2974



12.9304, 0.2983, 0.3236



18.7737, 0.2039, 0.2542



1.1644, 0.2082, 0.2695

Previews

White Background



This preview shows how the Yxy color 51.2645, 0.3425, 0.3387 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 51.2645, 0.3425, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

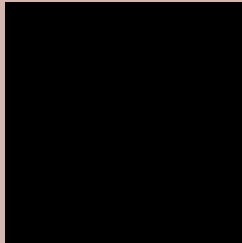
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2645, 0.3425, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 51.2645, 0.3425, 0.3387.



This preview shows how white text looks on a background with the Yxy color 51.2645, 0.3425, 0.3387.

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

51.2645, 0.3425, 0.3387

Protanopia

51.3856, 0.3263, 0.3415

Deuteranopia

51.1477, 0.3445, 0.3375



Tritanopia

51.1340, 0.3289, 0.3125

Trichromacy



Original Color

51.2645, 0.3425, 0.3387

Protanomaly

51.1725, 0.3317, 0.3402

Deuteranomaly

50.9986, 0.3436, 0.3375

Tritanomaly

51.0838, 0.3337, 0.3219

Monochromacy



Original Color

51.2645, 0.3425, 0.3387

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5174, 0.3226, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2645, 0.3425, 0.3387 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(211, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(211, 184, 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(211, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 184, 176) }
```

Border

The CSS property to change the border of an element to Yxy 51.2645, 0.3425, 0.3387 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(211, 184, 176) }
```

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

```
.border{ border-color:rgb(211, 184, 176) }
```

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

Here you see how a box with a 4 pixel rgb(211, 184, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(211, 184,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2645, 0.3425, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 184, 176) }
```

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

```
.background{ background-color: rgb(211,  
184, 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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