

Converting Colors

Yxy(50.4607, 0.3298, 0.3157)

Have a look what the booklet for
Yxy(50.4607, 0.3298, 0.3157)
contains.

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Color

Yxy(50.7024, 0.3297, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	D3B5C0
RGB	211, 181, 192
RGB Percent	83%, 71%, 75%
CMY	0.1725, 0.2902, 0.2472
CMYK	0.00, 0.14, 0.09, 0.17
HSL	338°, 25%, 77%
HSV	338°, 14%, 83%
XYZ	52.9006, 50.7024, 56.8477
YIQ	191.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

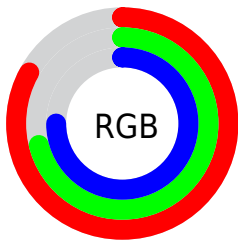
Format	Color
RYB	211, 181, 192
Decimal	13874624
CIELab	76.50, 12.59, -1.57
CIELCh	76, 12.683, 352.912
Yxy	50.7024, 0.3297, 0.3160
Android (android.graphics.Color)	4292064704 (0xFFD3B5C0)
YUV	191.2240, 0.3826, 17.3436
Hunter-Lab	71.2056, 8.0026, 2.5092

Details

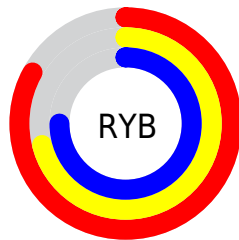
The Yxy color **50.7024, 0.3297, 0.3160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5890, 0.2983, 0.3424**, and the grayscale version is **52.2292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6057, 0.3179, 0.3184**, and **24.3703, 0.3336, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **42.1964, 0.3449, 0.3063**, and if you desaturate by 10%, it is **60.5665, 0.3173, 0.3253**.

Distribution



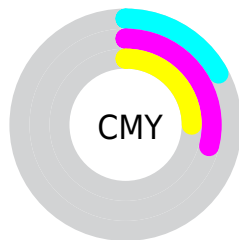
- Red (83%)
- Green (71%)
- Blue (75%)



- Red (83%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7024, 0.3297, 0.3160 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 50.7024, 0.3297, 0.3160 by changing the saturation by 10% instead.


 50.7024, 0.3297,
0.3160

 50.7024, 0.3297,
0.3160

389.4064, 0.3214,
0.3224

 35.9718, 0.3317,
0.3144


 91.2147, 0.3267,
0.3183

 24.4124, 0.3343,
0.3125


117.7652, 0.3256,
0.3192

 15.6398, 0.3378,
0.3099


149.0245, 0.3246,
0.3199

 9.2697, 0.3425,
0.3063

185.3770, 0.3238,
0.3205

 4.9175, 0.3494,
0.3012

227.2070, 0.3230,
0.3211

 2.1989, 0.3605,
0.2930

274.8990, 0.3224,

 0.7194, 0.3828,

0.3216

0.2754

328.8374, 0.3218,
0.3220

0.0000, 0.0000,
0.0000

50.7024, 0.3297,
0.3160

50.7024, 0.3297,
0.3160

42.1964, 0.3449,
0.3063

60.5665, 0.3173,
0.3253

34.9821, 0.3633,
0.2964

71.8378, 0.3071,
0.3339

28.9975, 0.3853,
0.2868

84.5715, 0.2988,
0.3419

24.1728, 0.4112,
0.2783

91.9952, 0.2916,
0.3387

20.4315, 0.4407,
0.2719

92.5900, 0.2866,
0.3289

■ 17.6872, 0.4729,
0.2689

■ 15.8406, 0.5059,
0.2704

■ 14.7710, 0.5371,
0.2771

■ 14.3870, 0.5539,
0.2825

Harmonies

Analogous

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



50.7024, 0.3126, 0.3051



50.7024, 0.3297, 0.3160



50.7024, 0.3424, 0.3303

Triad

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



50.7024, 0.3297, 0.3160



50.7024, 0.3291, 0.3594



50.7024, 0.2797, 0.3119

Complementary

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



50.7024, 0.3297, 0.3160



60.5890, 0.2983, 0.3424

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.



50.7024, 0.2839, 0.3265



50.7024, 0.3297, 0.3160



50.7024, 0.3121, 0.3547

Square

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



50.7024, 0.3297, 0.3160



50.7024, 0.3419, 0.3555



50.7024, 0.2956, 0.3424



50.7024, 0.2841, 0.3024

Rectangle

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



50.7024, 0.3297, 0.3160



50.7024, 0.3464, 0.3402



50.7024, 0.2956, 0.3424



50.7024, 0.2802, 0.3164

Sweetspot

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



50.7046, 0.3297, 0.3160



93.2539, 0.3171, 0.3254



50.0342, 0.3053, 0.2931



19.6971, 0.3179, 0.3247



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.



50.7046, 0.3297, 0.3160



73.7452, 0.3339, 0.3132



51.8871, 0.3382, 0.3339



11.8786, 0.3234, 0.3205



8.7000, 0.5500, 0.2804



0.5015, 0.4994, 0.2525

Inverse Universe

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



50.7046, 0.3297, 0.3160



73.7452, 0.3339, 0.3132



59.1572, 0.2911, 0.3241



11.8786, 0.3234, 0.3205



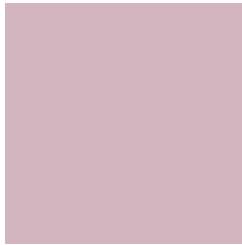
8.7000, 0.5500, 0.2804



0.5015, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 50.7024, 0.3297, 0.3160 looks on a white background.

Color Contrast Check

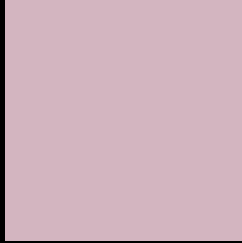
Large Text (above 18pt) WCAG AA × Fail

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 50.7024, 0.3297, 0.3160 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 50.7024, 0.3297, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 50.7024, 0.3297, 0.3160.



This preview shows how white text looks on a background with the Yxy color 50.7024, 0.3297, 0.3160.

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

50.7024, 0.3297, 0.3160

Protanopia

50.8991, 0.3083, 0.3190

Deuteranopia

50.7946, 0.3251, 0.3182



Tritanopia

50.8368, 0.3272, 0.3124

Trichromacy



Original Color

50.7024, 0.3297, 0.3160

Protanomaly

50.6438, 0.3158, 0.3168

Deuteranomaly

50.6716, 0.3270, 0.3170

Tritanomaly

50.7917, 0.3280, 0.3136

Monochromacy



Original Color

50.7024, 0.3297, 0.3160

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3080, 0.3188, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7024, 0.3297, 0.3160 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, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(211, 181, 192)  
}
```

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, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 181, 192) }
```

Border

The CSS property to change the border of an element to Yxy 50.7024, 0.3297, 0.3160 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, 181, 192) }
```

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

```
.border{ border-color:rgb(211, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(211, 181,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7024, 0.3297, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 181, 192) }
```

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

```
.background{ background-color: rgb(211,  
181, 192) }
```

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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