

Converting Colors

Yxy(50.5787, 0.3862, 0.3829)

Have a look what the booklet for
Yxy(50.5787, 0.3862, 0.3829)
contains.

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Color

Yxy(50.6056, 0.3864, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	DDB688
RGB	221, 182, 136
RGB Percent	87%, 71%, 53%
CMY	0.1333, 0.2862, 0.4668
CMYK	0.00, 0.18, 0.38, 0.13
HSL	32°, 56%, 70%
HSV	32°, 38%, 87%
XYZ	50.9883, 50.6056, 30.3634
YIQ	188.4170, 38.0100, -6.0380

Conversions

Conversions Part 2

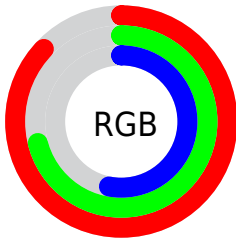
Format	Color
R_{YB}	208, 221, 136
Decimal	14530184
CIE _{Lab}	76.44, 7.82, 28.71
CIE _{LCh}	76, 29.760, 74.759
Yxy	50.6056, 0.3864, 0.3835
Android (android.graphics.Color)	4292720264 (0xFFDDB688)
YUV	188.4170, -25.8416, 28.5753
Hunter-Lab	71.1376, 3.4500, 24.4898

Details

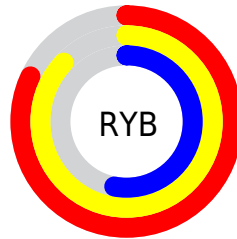
The Yxy color **50.6056, 0.3864, 0.3835** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.0979, 0.2503, 0.2670**, and the grayscale version is **50.6727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1268, 0.3553, 0.3773**, and **24.2649, 0.4053, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **46.0411, 0.4106, 0.3973**, and if you desaturate by 10%, it is **55.6048, 0.3641, 0.3690**.

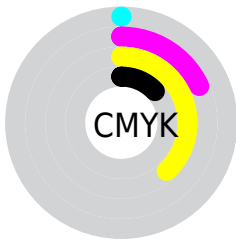
Distribution



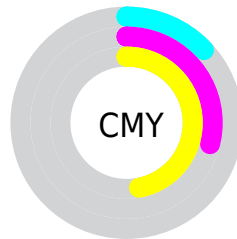
- Red (87%)
- Green (71%)
- Blue (53%)



- Red (82%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (13%)




- Cyan (13%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6056, 0.3864, 0.3835 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 50.6056, 0.3864, 0.3835 by changing the saturation by 10% instead.


 50.6056, 0.3864,
0.3835


 50.6056, 0.3864,
0.3835


389.0295, 0.3502,
0.3576


 35.8948, 0.3951,
0.3894


 91.0715, 0.3734,
0.3745

 24.3530, 0.4061,
0.3967


 117.5954, 0.3685,
0.3710

 15.5957, 0.4202,
0.4057


 148.8259, 0.3643,
0.3680

 9.2385, 0.4388,
0.4169

185.1472, 0.3607,
0.3654

 4.8971, 0.4641,
0.4307

226.9439, 0.3576,
0.3631

 2.1870, 0.5281,
0.4719

274.6002, 0.3548,

 0.7129, 0.5493,

0.3610

0.4507

328.5006, 0.3523,
0.3592

0.0000, 0.0000,
0.0000

50.6056, 0.3864,
0.3835

50.6056, 0.3864,
0.3835

46.0411, 0.4106,
0.3973

55.6048, 0.3641,
0.3690

41.8898, 0.4361,
0.4094

61.0451, 0.3441,
0.3544

38.1387, 0.4619,
0.4186

66.9415, 0.3262,
0.3403

34.7710, 0.4866,
0.4237

73.3062, 0.3104,
0.3270

31.7676, 0.5088,
0.4236

80.1507, 0.2966,
0.3146

■ 29.1035, 0.5274,
0.4183

■ 86.5809, 0.2919,
0.3165

■ 28.7218, 0.5301,
0.4173

■ 92.8087, 0.2922,
0.3269

■ 94.1115, 0.2923,
0.3289

Harmonies

Analogous

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



50.6056, 0.3931, 0.3542



50.6056, 0.3864, 0.3835



50.6056, 0.3594, 0.4006

Triad

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



50.6056, 0.3864, 0.3835



50.6056, 0.2521, 0.3321



50.6056, 0.3004, 0.2710

Complementary

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



50.6056, 0.3864, 0.3835



41.0979, 0.2503, 0.2670

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.



50.6056, 0.2649, 0.2633



50.6056, 0.3864, 0.3835



50.6056, 0.2385, 0.2955

Square

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



50.6056, 0.3864, 0.3835



50.6056, 0.2817, 0.3710



50.6056, 0.2430, 0.2714



50.6056, 0.3416, 0.2917

Rectangle

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



50.6056, 0.3864, 0.3835



50.6056, 0.3344, 0.4008



50.6056, 0.2430, 0.2714



50.6056, 0.2874, 0.2668

Sweetspot

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



50.6080, 0.3864, 0.3835



89.5552, 0.3324, 0.3454



36.0938, 0.3629, 0.2821



18.9374, 0.3347, 0.3472



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.



50.6080, 0.3864, 0.3835



64.9579, 0.4054, 0.3945



68.4180, 0.3680, 0.4248



14.2137, 0.3278, 0.3417



16.9150, 0.5280, 0.4190



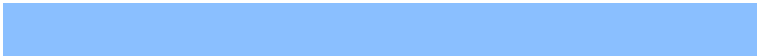
1.2675, 0.5055, 0.4368

Inverse Universe

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



41.0979, 0.2503, 0.2670



50.0731, 0.2372, 0.2515



28.2943, 0.2443, 0.2129



13.5961, 0.2982, 0.3160



8.6991, 0.1736, 0.1450



0.7346, 0.1823, 0.1761

Previews

White Background



This preview shows how the Yxy color 50.6056, 0.3864, 0.3835 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 50.6056, 0.3864, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

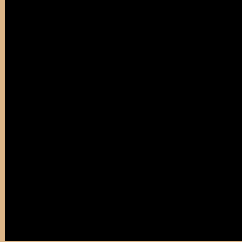
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6056, 0.3864, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 50.6056, 0.3864, 0.3835.



This preview shows how white text looks on a background with the Yxy color 50.6056, 0.3864, 0.3835.

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

50.6056, 0.3864, 0.3835

Protanopia

50.9558, 0.3647, 0.3914

Deuteranopia

50.6726, 0.3896, 0.3818



Tritanopia

50.5028, 0.3464, 0.3130

Trichromacy



Original Color

50.6056, 0.3864, 0.3835

Protanomaly

50.6544, 0.3730, 0.3878

Deuteranomaly

50.5133, 0.3887, 0.3820

Tritanomaly

50.5904, 0.3607, 0.3385

Monochromacy



Original Color

50.6056, 0.3864, 0.3835

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2617, 0.3383, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6056, 0.3864, 0.3835 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, 182, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 182, 136)  
}
```

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, 182, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 182, 136) }
```

Border

The CSS property to change the border of an element to Yxy 50.6056, 0.3864, 0.3835 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, 182, 136) }
```

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

```
.border{ border-color:rgb(221, 182, 136) }
```

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

Here you see how a box with a 4 pixel rgb(221, 182, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 182, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 182, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 182,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6056, 0.3864, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 182, 136) }
```

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

```
.background{ background-color: rgb(221,  
182, 136) }
```

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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