

Converting Colors

$Yxy(50.5766, 0.3822, 0.4046)$

Have a look what the booklet for
Yxy(50.5766, 0.3822, 0.4046)
contains.

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Color

Yxy(50.5766, 0.3822, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	D1BB7D
RGB	209, 187, 125
RGB Percent	82%, 73%, 49%
CMY	0.1802, 0.2667, 0.5097
CMYK	0.00, 0.11, 0.40, 0.18
HSL	44°, 48%, 66%
HSV	44°, 40%, 82%
XYZ	47.7765, 50.5766, 26.6508
YIQ	186.5100, 33.0140, -14.6180

Conversions

Conversions Part 2

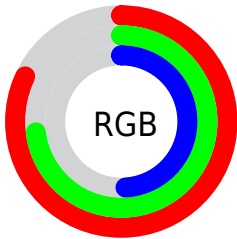
Format	Color
RYB	155, 209, 125
Decimal	13745021
CIELab	76.42, -0.82, 34.24
CIELCh	76, 34.251, 91.366
Yxy	50.5766, 0.3822, 0.4046
Android (android.graphics.Color)	4291935101 (0xFFD1BB7D)
YUV	186.5100, -30.3244, 19.7237
Hunter-Lab	71.1172, -4.5390, 27.5634

Details

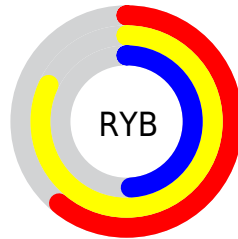
The Yxy color **50.5766, 0.3822, 0.4046** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8563, 0.2438, 0.2393**, and the grayscale version is **49.5680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5755, 0.3617, 0.3940**, and **24.3305, 0.3995, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **47.8160, 0.4013, 0.4223**, and if you desaturate by 10%, it is **53.5433, 0.3634, 0.3857**.

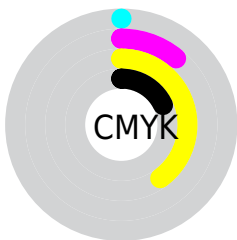
Distribution



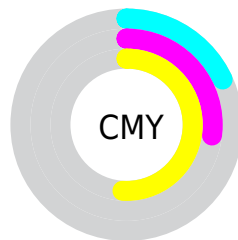
- Red (82%)
- Green (73%)
- Blue (49%)



- Red (61%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5766, 0.3822, 0.4046 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 50.5766, 0.3822, 0.4046 by changing the saturation by 10% instead.


 50.5766, 0.3822,
0.4046

 50.5766, 0.3822,
0.4046


388.9165, 0.3486,
0.3679


 35.8718, 0.3900,
0.4132


 91.0286, 0.3704,
0.3916

 24.3352, 0.3997,
0.4239


 117.5446, 0.3658,
0.3867

 15.5824, 0.4118,
0.4373


 148.7664, 0.3619,
0.3824

 9.2292, 0.4271,
0.4543

185.0784, 0.3585,
0.3787

 4.8910, 0.4467,
0.4763

226.8650, 0.3556,
0.3755

 2.1834, 0.4829,
0.5171

274.5106, 0.3530,

 0.7109, 0.4798,

0.3727

0.5202

328.3997, 0.3507,
0.3702

0.0000, 0.0000,
0.0000

50.5766, 0.3822,
0.4046

50.5766, 0.3822,
0.4046

47.8160, 0.4013,
0.4223

53.5433, 0.3634,
0.3857

45.2463, 0.4201,
0.4379

56.7165, 0.3454,
0.3665

42.8610, 0.4376,
0.4502

60.1055, 0.3285,
0.3475

40.6501, 0.4530,
0.4583

63.7169, 0.3130,
0.3293

38.6017, 0.4656,
0.4616

67.5567, 0.2989,
0.3122

■ 36.7312, 0.4753,
0.4608

■ 71.6309, 0.2862,
0.2962

■ 74.8471, 0.2838,
0.2976

■ 77.8685, 0.2841,
0.3035

■ 80.9863, 0.2845,
0.3094

Harmonies

Analogous

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



50.5766, 0.4042, 0.3767



50.5766, 0.3822, 0.4046



50.5766, 0.3422, 0.4130

Triad

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



50.5766, 0.3822, 0.4046



50.5766, 0.2325, 0.3074



50.5766, 0.3245, 0.2745

Complementary

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



50.5766, 0.3822, 0.4046



29.8563, 0.2438, 0.2393

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.



50.5766, 0.2787, 0.2571



50.5766, 0.3822, 0.4046



50.5766, 0.2285, 0.2727

Square

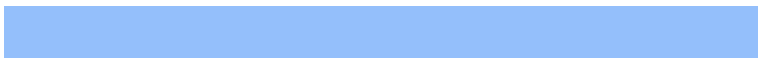
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.5766, 0.3822, 0.4046



50.5766, 0.2563, 0.3532



50.5766, 0.2447, 0.2558



50.5766, 0.3700, 0.3040

Rectangle

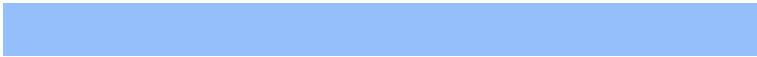
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5766, 0.3822, 0.4046



50.5766, 0.3113, 0.4035



50.5766, 0.2447, 0.2558



50.5766, 0.3085, 0.2671

Sweetspot

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



50.5789, 0.3822, 0.4046



93.1657, 0.3317, 0.3511



30.3529, 0.3860, 0.3009



19.7887, 0.3339, 0.3536



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.



50.5789, 0.3822, 0.4046



75.6502, 0.3982, 0.4195



57.9786, 0.3562, 0.4337



13.2506, 0.3272, 0.3461



22.8047, 0.4743, 0.4616



1.4005, 0.4621, 0.4713

Inverse Universe

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



29.8563, 0.2438, 0.2393



38.9857, 0.2281, 0.2166



25.2624, 0.2552, 0.2117



11.9151, 0.2982, 0.3113



4.6527, 0.1590, 0.0925



0.3914, 0.1692, 0.1291

Previews

White Background



This preview shows how the Yxy color 50.5766, 0.3822, 0.4046 looks on a white background.

Color Contrast Check

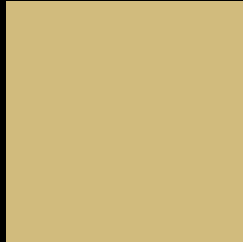
Large Text (above 18pt) WCAG AA × Fail

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 50.5766, 0.3822, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

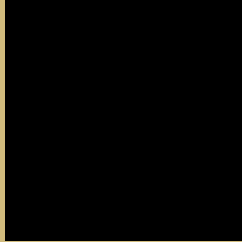
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5766, 0.3822, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 50.5766, 0.3822, 0.4046.



This preview shows how white text looks on a background with the Yxy color 50.5766, 0.3822, 0.4046.

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

50.5766, 0.3822, 0.4046

Protanopia

50.8807, 0.3768, 0.4067

Deuteranopia

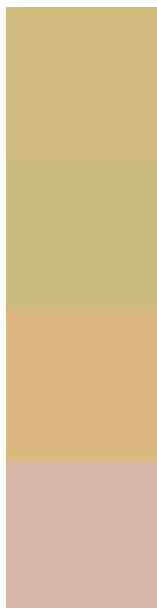
50.3176, 0.4004, 0.3916



Tritanopia

50.6449, 0.3343, 0.3138

Trichromacy



Original Color

50.5766, 0.3822, 0.4046

Protanomaly

50.5946, 0.3782, 0.4054

Deuteranomaly

50.5890, 0.3933, 0.3963

Tritanomaly

50.4292, 0.3515, 0.3460

Monochromacy



Original Color

50.5766, 0.3822, 0.4046

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8231, 0.3378, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5766, 0.3822, 0.4046 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(209, 187, 125)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 125)  
}
```

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(209, 187, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 125) }
```

Border

The CSS property to change the border of an element to Yxy 50.5766, 0.3822, 0.4046 is called "border". The border property can be set on classes, ids or directly on the HTML element.

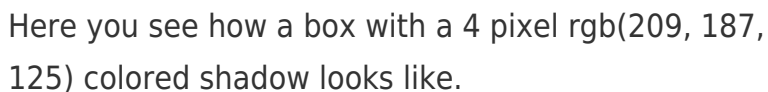
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 187, 125) }
```

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

```
.border{ border-color:rgb(209, 187, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 187, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 125);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5766, 0.3822, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 125) }
```

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

```
.background{ background-color: rgb(209,  
187, 125) }
```

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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