

Converting Colors

Yxy(50.9433, 0.4097, 0.4280)

Have a look what the booklet for
Yxy(50.9433, 0.4097, 0.4280)
contains.

Yxy(50.9433, 0.4097, 0.4280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9433, 0.4097, 0.4280)

Conversions

Conversions Part 1

Format	Color
Hex	DABA64
RGB	218, 186, 100
RGB Percent	85%, 73%, 39%
CMY	0.1452, 0.2705, 0.6079
CMYK	0.00, 0.15, 0.54, 0.15
HSL	44°, 61%, 62%
HSV	44°, 54%, 85%
XYZ	48.7651, 50.9433, 19.3180
YIQ	185.7640, 46.6780, -19.9620

Conversions

Conversions Part 2

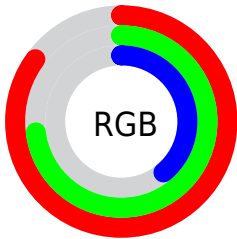
Format	Color
RYB	144, 218, 100
Decimal	14334564
CIELab	76.64, 0.95, 47.35
CIELCh	77, 47.359, 88.855
Yxy	50.9433, 0.4097, 0.4280
Android (android.graphics.Color)	4292524644 (0xFFDABA64)
YUV	185.7640, -42.2817, 28.2710
Hunter-Lab	71.3746, -2.9493, 33.9150

Details

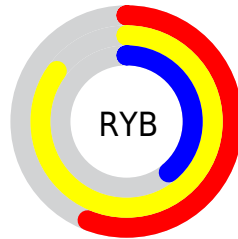
The Yxy color **50.9433, 0.4097, 0.4280** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **24.2572, 0.2179, 0.2021**, and the grayscale version is **49.1848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0642, 0.3775, 0.4174**, and **24.4704, 0.4316, 0.4506** is the 20% darker color. If you saturate the color by 10%, you get **48.1422, 0.4284, 0.4423**, and if you desaturate by 10%, it is **53.9649, 0.3903, 0.4111**.

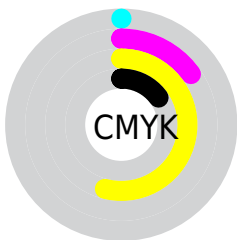
Distribution



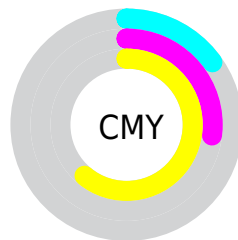
- Red (85%)
- Green (73%)
- Blue (39%)



- Red (56%)
- Yellow (85%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (54%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9433, 0.4097, 0.4280 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 50.9433, 0.4097, 0.4280 by changing the saturation by 10% instead.


 50.9433, 0.4097,
0.4280


 50.9433, 0.4097,
0.4280


390.3435, 0.3638,
0.3814


 36.1635, 0.4198,
0.4382


 91.5710, 0.3939,
0.4121


 24.5605, 0.4318,
0.4502


 118.1876, 0.3877,
0.4058

 15.7499, 0.4460,
0.4644


 149.5186, 0.3824,
0.4003

 9.3474, 0.4623,
0.4804

 185.9484, 0.3777,
0.3956

 4.9684, 0.4912,
0.5088

227.8614, 0.3736,
0.3914

 2.2288, 0.4923,
0.5077

275.6420, 0.3700,

 0.7356, 0.4954,

0.3877

0.5046

329.6745, 0.3667,
0.3844

0.0000, 0.0000,
0.0000

50.9433, 0.4097,
0.4280

50.9433, 0.4097,
0.4280

48.1422, 0.4284,
0.4423

53.9649, 0.3903,
0.4111

45.5438, 0.4455,
0.4529

57.2092, 0.3711,
0.3927

43.1387, 0.4602,
0.4589

60.6871, 0.3525,
0.3736

40.9127, 0.4719,
0.4600

64.4068, 0.3351,
0.3547

39.6747, 0.4776,
0.4589

68.3757, 0.3190,
0.3363

■ 72.6008, 0.3042,
0.3189

■ 77.0890, 0.2910,
0.3026

■ 80.5355, 0.2898,
0.3064

■ 83.9385, 0.2900,
0.3126

Harmonies

Analogous

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



50.9433, 0.4389, 0.3863



50.9433, 0.4097, 0.4280



50.9433, 0.3558, 0.4468

Triad

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



50.9433, 0.4097, 0.4280



50.9433, 0.2066, 0.3021



50.9433, 0.3223, 0.2538

Complementary

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



50.9433, 0.4097, 0.4280



24.2572, 0.2179, 0.2021

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.



50.9433, 0.2612, 0.2326



50.9433, 0.4097, 0.4280



50.9433, 0.1999, 0.2543

Square

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



50.9433, 0.4097, 0.4280



50.9433, 0.2393, 0.3676



50.9433, 0.2186, 0.2317



50.9433, 0.3869, 0.2908

Rectangle

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



50.9433, 0.4097, 0.4280



50.9433, 0.3141, 0.4375



50.9433, 0.2186, 0.2317



50.9433, 0.3006, 0.2447

Sweetspot

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



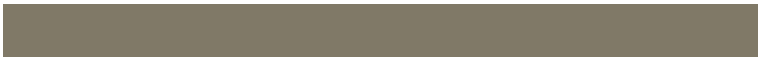
50.9457, 0.4097, 0.4280



90.7968, 0.3385, 0.3585



25.7192, 0.4250, 0.2898



19.1953, 0.3421, 0.3624



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.



50.9457, 0.4097, 0.4280



68.1335, 0.4310, 0.4441



62.3054, 0.3700, 0.4685



14.6363, 0.3273, 0.3460



23.9642, 0.4766, 0.4598



1.6925, 0.4652, 0.4688

Inverse Universe

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



24.2572, 0.2179, 0.2021



26.4449, 0.1980, 0.1703



18.5760, 0.2281, 0.1646



13.1881, 0.2981, 0.3114



5.0625, 0.1594, 0.0939



0.4700, 0.1683, 0.1260

Previews

White Background



This preview shows how the Yxy color 50.9433, 0.4097, 0.4280 looks on a white background.

Color Contrast Check

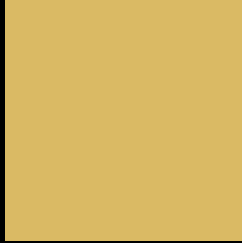
Large Text (above 18pt) WCAG AA × Fail

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 50.9433, 0.4097, 0.4280 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 50.9433, 0.4097, 0.4280

Background



This preview shows how black text looks on a background with the Yxy color 50.9433, 0.4097, 0.4280.



This preview shows how white text looks on a background with the Yxy color 50.9433, 0.4097, 0.4280.

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

50.9433, 0.4097, 0.4280

Protanopia

50.8901, 0.3990, 0.4335

Deuteranopia

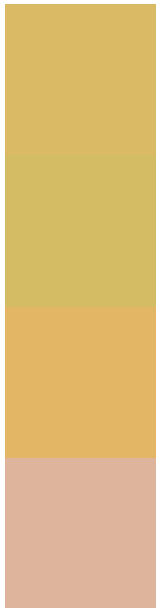
50.7379, 0.4256, 0.4157



Tritanopia

50.8935, 0.3462, 0.3142

Trichromacy



Original Color

50.9433, 0.4097, 0.4280

Protanomaly

50.9031, 0.4023, 0.4313

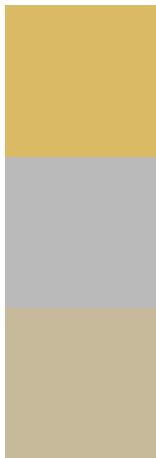
Deuteranomaly

50.7264, 0.4198, 0.4195

Tritanomaly

50.7648, 0.3708, 0.3562

Monochromacy



Original Color

50.9433, 0.4097, 0.4280

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4901, 0.3481, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9433, 0.4097, 0.4280 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(218, 186, 100)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 100)  
}
```

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(218, 186, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 100) }
```

Border

The CSS property to change the border of an element to Yxy 50.9433, 0.4097, 0.4280 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(218, 186, 100) }
```

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

```
.border{ border-color:rgb(218, 186, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 100);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9433, 0.4097, 0.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 100) }
```

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

```
.background{ background-color: rgb(218,  
186, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor