

Converting Colors

Yxy(49.8418, 0.4166, 0.4081)

Have a look what the booklet for
Yxy(49.8418, 0.4166, 0.4081)
contains.

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Color

Yxy(49.8383, 0.4166, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	E4B36D
RGB	228, 179, 109
RGB Percent	89%, 70%, 43%
CMY	0.1059, 0.2980, 0.5725
CMYK	0.00, 0.21, 0.52, 0.11
HSL	35°, 69%, 66%
HSV	35°, 52%, 89%
XYZ	50.8763, 49.8383, 21.4081
YIQ	185.6710, 51.6740, -11.3820

Conversions

Conversions Part 2

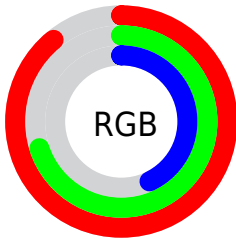
Format	Color
R_{YB}	192, 228, 109
Decimal	14988141
CIE _{Lab}	75.97, 9.55, 42.27
CIE _{LCh}	76, 43.337, 77.270
Yxy	49.8383, 0.4166, 0.4081
Android (android.graphics.Color)	4293178221 (0xFFE4B36D)
YUV	185.6710, -37.7988, 37.1225
Hunter-Lab	70.5962, 5.0955, 31.4378

Details

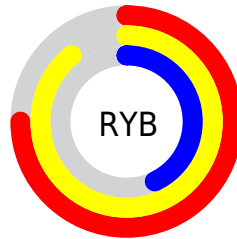
The Yxy color **49.8383, 0.4166, 0.4081** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3095, 0.2260, 0.2314**, and the grayscale version is **49.1047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2853, 0.3744, 0.4025**, and **23.7835, 0.4431, 0.4245** is the 20% darker color. If you saturate the color by 10%, you get **45.7753, 0.4406, 0.4203**, and if you desaturate by 10%, it is **54.2897, 0.3932, 0.3937**.

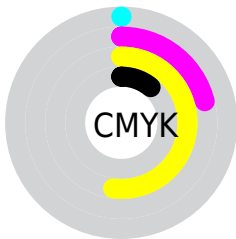
Distribution



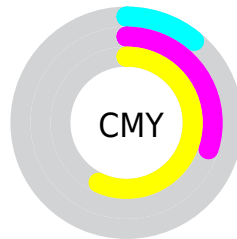
- Red (89%)
- Green (70%)
- Blue (43%)



- Red (75%)
- Yellow (89%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (52%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8383, 0.4166, 0.4081 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 49.8383, 0.4166, 0.4081 by changing the saturation by 10% instead.


 49.8383, 0.4166,
0.4081

 49.8383, 0.4166,
0.4081


386.0333, 0.3663,
0.3716


 35.2849, 0.4282,
0.4159


 89.9352, 0.3989,
0.3958


 23.8824, 0.4424,
0.4250


 116.2476, 0.3921,
0.3908

 15.2464, 0.4599,
0.4355


 147.2484, 0.3862,
0.3866

 8.9925, 0.4814,
0.4469

 183.3221, 0.3812,
0.3828

 4.7363, 0.5168,
0.4660

224.8531, 0.3767,
0.3795

 2.0934, 0.5375,
0.4625

272.2256, 0.3728,

 0.6609, 0.5659,

0.3766

0.4341

325.8242, 0.3694,
0.3740

0.0000, 0.0000,
0.0000

49.8383, 0.4166,
0.4081

49.8383, 0.4166,
0.4081

45.7753, 0.4406,
0.4203

54.2897, 0.3932,
0.3937

42.0784, 0.4641,
0.4290

59.1362, 0.3711,
0.3782

38.7332, 0.4857,
0.4332

64.3931, 0.3508,
0.3624

35.7203, 0.5043,
0.4321

70.0727, 0.3324,
0.3469

33.5772, 0.5167,
0.4280

76.1865, 0.3161,
0.3321

■ 82.7455, 0.3015,
0.3182

■ 88.8523, 0.2962,
0.3186

■ 94.6694, 0.2964,
0.3281

■ 95.2344, 0.2964,
0.3290

Harmonies

Analogous

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



49.8383, 0.4309, 0.3658



49.8383, 0.4166, 0.4081



49.8383, 0.3742, 0.4347

Triad

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



49.8383, 0.4166, 0.4081



49.8383, 0.2232, 0.3269



49.8383, 0.2987, 0.2492

Complementary

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



49.8383, 0.4166, 0.4081



33.3095, 0.2260, 0.2314

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.



49.8383, 0.2473, 0.2365



49.8383, 0.4166, 0.4081



49.8383, 0.2073, 0.2748

Square

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



49.8383, 0.4166, 0.4081



49.8383, 0.2625, 0.3874



49.8383, 0.2157, 0.2442



49.8383, 0.3592, 0.2789

Rectangle

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



49.8383, 0.4166, 0.4081



49.8383, 0.3371, 0.4356



49.8383, 0.2157, 0.2442



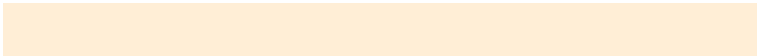
49.8383, 0.2798, 0.2429

Sweetspot

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



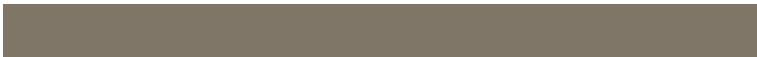
49.8407, 0.4166, 0.4081



87.3907, 0.3394, 0.3529



29.9225, 0.3983, 0.2728



18.3806, 0.3432, 0.3561



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.



49.8407, 0.4166, 0.4081



58.4047, 0.4434, 0.4215



71.5114, 0.3808, 0.4581



15.7700, 0.3278, 0.3428



19.6271, 0.5148, 0.4295



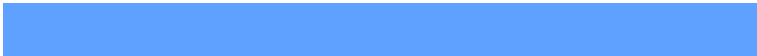
1.6323, 0.4971, 0.4435

Inverse Universe

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



33.3095, 0.2260, 0.2314



34.9339, 0.2083, 0.2058



20.4573, 0.2193, 0.1657



14.8571, 0.2981, 0.3148



8.0657, 0.1695, 0.1302



0.7754, 0.1775, 0.1590

Previews

White Background



This preview shows how the Yxy color 49.8383, 0.4166, 0.4081 looks on a white background.

Color Contrast Check

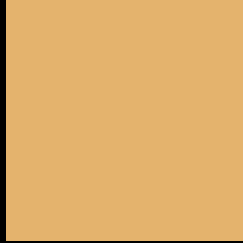
Large Text (above 18pt) WCAG AA × Fail

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 49.8383, 0.4166, 0.4081 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 49.8383, 0.4166, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 49.8383, 0.4166, 0.4081.



This preview shows how white text looks on a background with the Yxy color 49.8383, 0.4166, 0.4081.

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

49.8383, 0.4166, 0.4081

Protanopia

50.1154, 0.3880, 0.4219

Deuteranopia

49.8383, 0.4166, 0.4081



Tritanopia

49.6608, 0.3601, 0.3145

Trichromacy



Original Color

49.8383, 0.4166, 0.4081

Protanomaly

49.9918, 0.3977, 0.4172

Deuteranomaly

49.8383, 0.4166, 0.4081

Tritanomaly

49.4432, 0.3824, 0.3487

Monochromacy



Original Color

49.8383, 0.4166, 0.4081

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7531, 0.3490, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8383, 0.4166, 0.4081 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(228, 179, 109)` looks like.

```
.text, #text, p{  
    color:rgb(228, 179, 109)  
}
```

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(228, 179, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 179, 109) }
```

Border

The CSS property to change the border of an element to Yxy 49.8383, 0.4166, 0.4081 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(228, 179, 109) }
```

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

```
.border{ border-color:rgb(228, 179, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 179, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 179, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 179, 109);  
box-shadow:4px 4px 4px 4px rgb(228, 179,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8383, 0.4166, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 179, 109) }
```

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

```
.background{ background-color: rgb(228,  
179, 109) }
```

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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