

Converting Colors

$Yxy(48.3046, 0.4051, 0.4151)$

Have a look what the booklet for
Yxy(48.3046, 0.4051, 0.4151)
contains.

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Color

Yxy(48.1723, 0.4048, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	D7B46C
RGB	215, 180, 108
RGB Percent	84%, 71%, 42%
CMY	0.1570, 0.2940, 0.5765
CMYK	0.00, 0.16, 0.50, 0.16
HSL	40°, 57%, 63%
HSV	40°, 50%, 84%
XYZ	47.0450, 48.1723, 21.0006
YIQ	182.2570, 43.9720, -14.9720

Conversions

Conversions Part 2

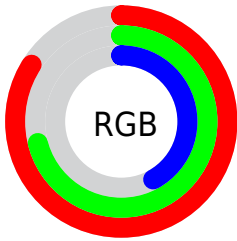
Format	Color
RYB	160, 215, 108
Decimal	14136428
CIELab	74.93, 3.56, 41.23
CIELCh	75, 41.381, 85.066
Yxy	48.1723, 0.4048, 0.4145
Android (android.graphics.Color)	4292326508 (0xFFD7B46C)
YUV	182.2570, -36.6087, 28.7156
Hunter-Lab	69.4063, -0.4700, 30.6447

Details

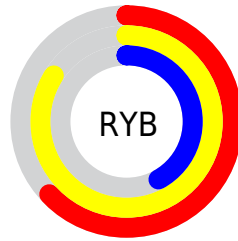
The Yxy color **48.1723, 0.4048, 0.4145** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7170, 0.2277, 0.2233**, and the grayscale version is **47.1110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8241, 0.3747, 0.4044**, and **22.7533, 0.4284, 0.4341** is the 20% darker color. If you saturate the color by 10%, you get **45.0075, 0.4257, 0.4290**, and if you desaturate by 10%, it is **51.5982, 0.3840, 0.3980**.

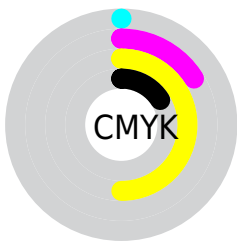
Distribution



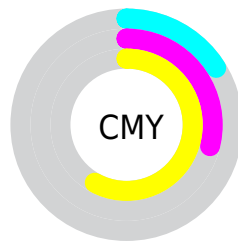
- Red (84%)
- Green (71%)
- Blue (42%)



- Red (63%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1723, 0.4048, 0.4145 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 48.1723, 0.4048, 0.4145 by changing the saturation by 10% instead.


 48.1723, 0.4048,
0.4145

 48.1723, 0.4048,
0.4145


379.4747, 0.3602,
0.3738


 33.9634, 0.4151,
0.4236


 87.4609, 0.3891,
0.4004

 22.8654, 0.4276,
0.4346


 113.3093, 0.3831,
0.3949

 14.4942, 0.4430,
0.4477


 143.8064, 0.3779,
0.3901

 8.4652, 0.4618,
0.4630

 179.3364, 0.3734,
0.3860

 4.3940, 0.4954,
0.4909

220.2839, 0.3694,
0.3824

 1.8963, 0.5071,
0.4929

267.0332, 0.3660,

 0.5462, 0.5260,

0.3792

0.4740

319.9686, 0.3629,
0.3763

0.0000, 0.0000,
0.0000

48.1723, 0.4048,
0.4145

48.1723, 0.4048,
0.4145

45.0075, 0.4257,
0.4290

51.5982, 0.3840,
0.3980

42.0863, 0.4458,
0.4404

55.2880, 0.3640,
0.3804

39.3994, 0.4640,
0.4475

59.2529, 0.3453,
0.3626

36.9330, 0.4795,
0.4497

63.5013, 0.3280,
0.3452

34.6649, 0.4921,
0.4474

68.0411, 0.3124,
0.3286

■ 34.6142, 0.4923,
0.4473

■ 72.8798, 0.2983,
0.3130

■ 77.7997, 0.2877,
0.3020

■ 81.7691, 0.2880,
0.3094

■ 85.8977, 0.2883,
0.3168

Harmonies

Analogous

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



48.1723, 0.4265, 0.3763



48.1723, 0.4048, 0.4145



48.1723, 0.3590, 0.4332

Triad

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



48.1723, 0.4048, 0.4145



48.1723, 0.2197, 0.3126



48.1723, 0.3142, 0.2577

Complementary

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



48.1723, 0.4048, 0.4145



27.7170, 0.2277, 0.2233

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.



48.1723, 0.2608, 0.2407



48.1723, 0.4048, 0.4145



48.1723, 0.2103, 0.2668

Square

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



48.1723, 0.4048, 0.4145



48.1723, 0.2525, 0.3707



48.1723, 0.2246, 0.2428



48.1723, 0.3721, 0.2900

Rectangle

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



48.1723, 0.4048, 0.4145



48.1723, 0.3219, 0.4275



48.1723, 0.2246, 0.2428



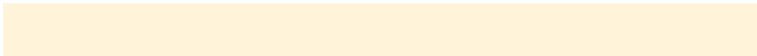
48.1723, 0.2951, 0.2501

Sweetspot

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



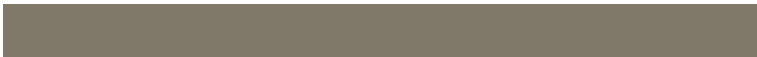
48.1746, 0.4048, 0.4145



90.0615, 0.3371, 0.3545



27.1667, 0.4040, 0.2859



18.9947, 0.3408, 0.3582



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.



48.1746, 0.4048, 0.4145



65.8897, 0.4274, 0.4301



61.5568, 0.3707, 0.4558



13.8043, 0.3274, 0.3446



20.9105, 0.4910, 0.4484



1.4092, 0.4756, 0.4606

Inverse Universe

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



27.7170, 0.2277, 0.2233



32.4960, 0.2090, 0.1954



20.0477, 0.2318, 0.1774



12.6647, 0.2982, 0.3129



5.7450, 0.1631, 0.1072



0.4955, 0.1729, 0.1424

Previews

White Background



This preview shows how the Yxy color 48.1723, 0.4048, 0.4145 looks on a white background.

Color Contrast Check

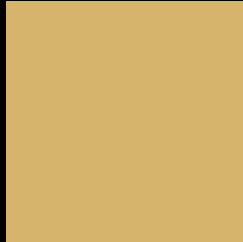
Large Text (above 18pt) WCAG AA × Fail

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 48.1723, 0.4048, 0.4145 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 48.1723, 0.4048, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 48.1723, 0.4048, 0.4145.



This preview shows how white text looks on a background with the Yxy color 48.1723, 0.4048, 0.4145.

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

48.1723, 0.4048, 0.4145

Protanopia

48.3803, 0.3883, 0.4220

Deuteranopia

48.0021, 0.4149, 0.4062



Tritanopia

48.1161, 0.3480, 0.3139

Trichromacy



Original Color

48.1723, 0.4048, 0.4145

Protanomaly

48.2365, 0.3948, 0.4193

Deuteranomaly

47.9206, 0.4114, 0.4082

Tritanomaly

47.7325, 0.3700, 0.3507

Monochromacy



Original Color

48.1723, 0.4048, 0.4145

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8836, 0.3457, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1723, 0.4048, 0.4145 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(215, 180, 108)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 108)  
}
```

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(215, 180, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 108) }
```

Border

The CSS property to change the border of an element to Yxy 48.1723, 0.4048, 0.4145 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(215, 180, 108) }
```

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

```
.border{ border-color:rgb(215, 180, 108) }
```

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

Here you see how a box with a 4 pixel rgb(215, 180, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 108);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1723, 0.4048, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 180, 108) }
```

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

```
.background{ background-color: rgb(215,  
180, 108) }
```

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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