

Converting Colors

$Yxy(47.9296, 0.4248, 0.4076)$

Have a look what the booklet for
Yxy(47.9296, 0.4248, 0.4076)
contains.

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Color

Yxy(47.9296, 0.4248, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	E5AE68
RGB	229, 174, 104
RGB Percent	90%, 68%, 41%
CMY	0.1019, 0.3177, 0.5923
CMYK	0.00, 0.24, 0.55, 0.10
HSL	34°, 71%, 65%
HSV	34°, 55%, 90%
XYZ	49.9521, 47.9296, 19.7080
YIQ	182.4650, 55.2500, -10.1100

Conversions

Conversions Part 2

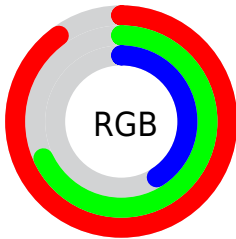
Format	Color
R _Y B	202, 229, 104
Decimal	15052392
CIE Lab	74.78, 12.20, 43.38
CIE LCh	75, 45.068, 74.290
Yxy	47.9296, 0.4248, 0.4076
Android (android.graphics.Color)	4293242472 (0xFFE5AE68)
YUV	182.4650, -38.6832, 40.8112
Hunter-Lab	69.2312, 7.6379, 31.5838

Details

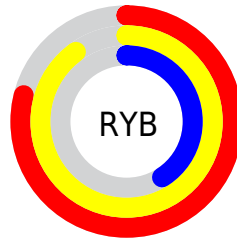
The Yxy color **47.9296, 0.4248, 0.4076** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3960, 0.2231, 0.2311**, and the grayscale version is **47.2394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7329, 0.3798, 0.4019**, and **22.8433, 0.4533, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **43.7792, 0.4499, 0.4185**, and if you desaturate by 10%, it is **52.5032, 0.4003, 0.3943**.

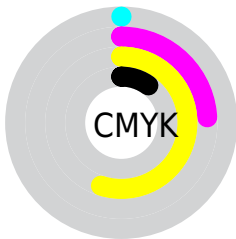
Distribution



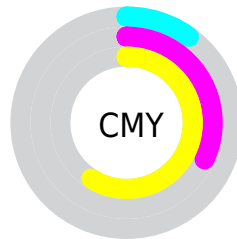
- Red (90%)
- Green (68%)
- Blue (41%)



- Red (79%)
- Yellow (90%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (10%)





- Cyan (10%)
- Magenta (32%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9296, 0.4248, 0.4076 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 47.9296, 0.4248, 0.4076 by changing the saturation by 10% instead.


 47.9296, 0.4248,
0.4076


 47.9296, 0.4248,
0.4076


378.5130, 0.3701,
0.3717

 33.7711, 0.4374,
0.4151

 87.0996, 0.4056,
0.3956

 22.7178, 0.4529,
0.4236


 112.8799, 0.3981,
0.3908

 14.3853, 0.4719,
0.4331


 143.3029, 0.3918,
0.3865

 8.3891, 0.4953,
0.4428

 178.7531, 0.3863,
0.3828

 4.3449, 0.5376,
0.4624

219.6148, 0.3815,
0.3796

 1.8683, 0.5531,
0.4469

266.2724, 0.3772,

 0.5292, 0.6021,

0.3766

0.3979

319.1104, 0.3735,
0.3740

0.0000, 0.0000,
0.0000

47.9296, 0.4248,
0.4076

47.9296, 0.4248,
0.4076

43.7792, 0.4499,
0.4185

52.5032, 0.4003,
0.3943

40.0282, 0.4744,
0.4256

57.5084, 0.3771,
0.3796

36.6600, 0.4969,
0.4279

62.9620, 0.3559,
0.3645

33.6530, 0.5159,
0.4248

68.8777, 0.3368,
0.3496

32.1642, 0.5250,
0.4214

75.2682, 0.3199,
0.3353

■ 82.1459, 0.3049,
0.3218

■ 88.9094, 0.2969,
0.3185

■ 95.1589, 0.2970,
0.3286

■ 95.4017, 0.2970,
0.3290

Harmonies

Analogous

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



47.9296, 0.4367, 0.3622



47.9296, 0.4248, 0.4076



47.9296, 0.3824, 0.4386

Triad

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



47.9296, 0.4248, 0.4076



47.9296, 0.2218, 0.3329



47.9296, 0.2917, 0.2434

Complementary

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



47.9296, 0.4248, 0.4076



33.3960, 0.2231, 0.2311

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.



47.9296, 0.2398, 0.2319



47.9296, 0.4248, 0.4076



47.9296, 0.2028, 0.2762

Square

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



47.9296, 0.4248, 0.4076



47.9296, 0.2649, 0.3966



47.9296, 0.2091, 0.2420



47.9296, 0.3553, 0.2727

Rectangle

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



47.9296, 0.4248, 0.4076



47.9296, 0.3440, 0.4426



47.9296, 0.2091, 0.2420



47.9296, 0.2724, 0.2373

Sweetspot

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



47.9319, 0.4248, 0.4076



86.7207, 0.3396, 0.3518



29.1040, 0.3988, 0.2660



18.2207, 0.3434, 0.3549



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.



47.9319, 0.4248, 0.4076



54.9678, 0.4544, 0.4201



72.7014, 0.3866, 0.4616



15.7001, 0.3278, 0.3422



18.6299, 0.5229, 0.4230



1.5611, 0.5037, 0.4383

Inverse Universe

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



33.3960, 0.2231, 0.2311



34.6367, 0.2054, 0.2052



18.8836, 0.2114, 0.1562



14.9256, 0.2981, 0.3155



8.7611, 0.1719, 0.1388



0.8299, 0.1797, 0.1670

Previews

White Background



This preview shows how the Yxy color 47.9296, 0.4248, 0.4076 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 47.9296, 0.4248, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

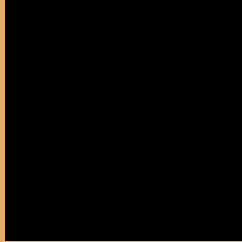
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9296, 0.4248, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 47.9296, 0.4248, 0.4076.



This preview shows how white text looks on a background with the Yxy color 47.9296, 0.4248, 0.4076.

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

47.9296, 0.4248, 0.4076

Protanopia

47.9202, 0.3904, 0.4232

Deuteranopia

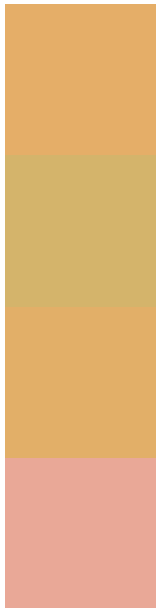
48.0577, 0.4197, 0.4110



Tritanopia

47.7868, 0.3669, 0.3145

Trichromacy



Original Color

47.9296, 0.4248, 0.4076

Protanomaly

47.7011, 0.4028, 0.4166

Deuteranomaly

47.8282, 0.4213, 0.4096

Tritanomaly

47.5633, 0.3899, 0.3487

Monochromacy



Original Color

47.9296, 0.4248, 0.4076

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.7154, 0.3516, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9296, 0.4248, 0.4076 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(229, 174, 104)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 104)  
}
```

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(229, 174, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 104) }
```

Border

The CSS property to change the border of an element to Yxy 47.9296, 0.4248, 0.4076 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(229, 174, 104) }
```

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

```
.border{ border-color:rgb(229, 174, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 174, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 174, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 174, 104);  
box-shadow:4px 4px 4px 4px rgb(229, 174,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9296, 0.4248, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 104) }
```

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

```
.background{ background-color: rgb(229,  
174, 104) }
```

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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