

Converting Colors

$Y_{xy}(47.1412, 0.3988, 0.4404)$

Have a look what the booklet for
Yxy(47.1412, 0.3988, 0.4404)
contains.

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Color

Yxy(47.2134, 0.3984, 0.4408)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7B85D |
| RGB | 199, 184, 93 |
| RGB Percent | 78%, 72%, 36% |
| CMY | 0.2196, 0.2784, 0.6352 |
| CMYK | 0.00, 0.08, 0.53, 0.22 |
| HSL | 52°, 49%, 57% |
| HSV | 52°, 53%, 78% |
| XYZ | 42.6720, 47.2134, 17.2230 |
| YIQ | 178.1110, 38.1510, -25.1210 |

Conversions

Conversions Part 2

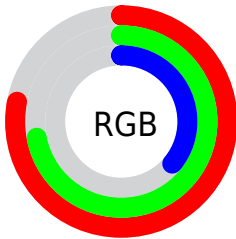
| Format | Color |
|-------------------------------------|---|
| RYB | 110, 199, 93 |
| Decimal | 13088861 |
| CIELab | 74.33, -6.48, 47.57 |
| CIELCh | 74, 48.010, 97.755 |
| Yxy | 47.2134, 0.3984, 0.4408 |
| Android (android.graphics.Color) | 4291278941 (0xFFC7B85D) |
| YUV | 178.1110, -41.9597, 18.3197 |
| Hunter-Lab | 68.7120, -9.3927, 33.2370 |

Details

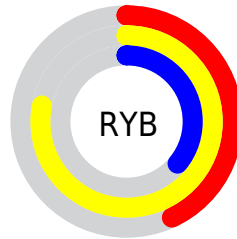
The Yxy color **47.2134, 0.3984, 0.4408** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **17.1823, 0.2156, 0.1834**, and the grayscale version is **44.7963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6555, 0.3824, 0.4222**, and **22.2394, 0.4178, 0.4678** is the 20% darker color. If you saturate the color by 10%, you get **45.7484, 0.4130, 0.4573**, and if you desaturate by 10%, it is **48.7979, 0.3824, 0.4216**.

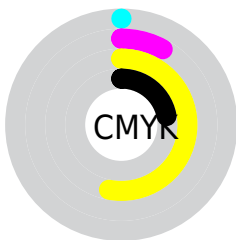
Distribution



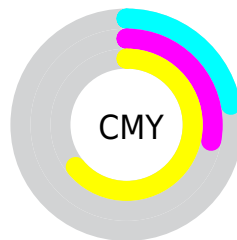
- Red (78%)
- Green (72%)
- Blue (36%)



- Red (43%)
- Yellow (78%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (53%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2134, 0.3984, 0.4408 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 47.2134, 0.3984, 0.4408 by changing the saturation by 10% instead.


 47.2134, 0.3984,
0.4408


 47.2134, 0.3984,
0.4408


375.6657, 0.3581,
0.3863

 33.2044, 0.4071,
0.4533


 86.0321, 0.3847,
0.4217


 22.2831, 0.4172,
0.4684


 111.6105, 0.3792,
0.4143

 14.0650, 0.4288,
0.4866


 141.8142, 0.3745,
0.4079

 8.1659, 0.4411,
0.5083

 177.0276, 0.3704,
0.4024

 4.2013, 0.4589,
0.5411

217.6351, 0.3667,
0.3976

 1.7868, 0.4494,
0.5506

264.0210, 0.3635,

 0.4789, 0.3828,

0.3934

0.6172

316.5697, 0.3606,
0.3897

0.0000, 0.0000,
0.0000

47.2134, 0.3984,
0.4408

47.2134, 0.3984,
0.4408

45.7484, 0.4130,
0.4573

48.7979, 0.3824,
0.4216

44.3889, 0.4257,
0.4701

50.5019, 0.3658,
0.4006

43.1285, 0.4358,
0.4786

52.3337, 0.3492,
0.3788

41.9570, 0.4431,
0.4826

54.2987, 0.3329,
0.3570

41.2052, 0.4468,
0.4834

56.4023, 0.3175,
0.3357

■ 58.6493, 0.3031,
0.3154

■ 61.0443, 0.2898,
0.2964

■ 63.5916, 0.2777,
0.2787

■ 65.1429, 0.2763,
0.2791

Harmonies

Analogous

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



47.2134, 0.4382, 0.4020



47.2134, 0.3984, 0.4408



47.2134, 0.3380, 0.4501

Triad

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



47.2134, 0.3984, 0.4408



47.2134, 0.1981, 0.2835



47.2134, 0.3431, 0.2610

Complementary

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



47.2134, 0.3984, 0.4408



17.1823, 0.2156, 0.1834

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.



47.2134, 0.2764, 0.2338



47.2134, 0.3984, 0.4408



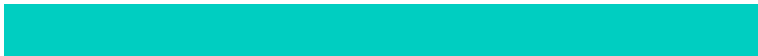
47.2134, 0.1991, 0.2418

Square

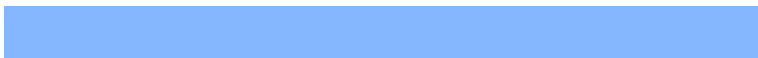
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.2134, 0.3984, 0.4408



47.2134, 0.2237, 0.3480



47.2134, 0.2259, 0.2262



47.2134, 0.4068, 0.3029

Rectangle

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



47.2134, 0.3984, 0.4408



47.2134, 0.2946, 0.4314



47.2134, 0.2259, 0.2262



47.2134, 0.3200, 0.2500

Sweetspot

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



47.2156, 0.3984, 0.4408



94.0144, 0.3377, 0.3635



21.0773, 0.4431, 0.3089



19.9681, 0.3411, 0.3680



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.



47.2156, 0.3984, 0.4408



79.6809, 0.4153, 0.4597



49.3143, 0.3568, 0.4719



12.1510, 0.3269, 0.3487



26.5903, 0.4464, 0.4838



1.3312, 0.4399, 0.4889

Inverse Universe

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



17.1823, 0.2156, 0.1834



21.7258, 0.1935, 0.1472



16.7103, 0.2438, 0.1737



10.5257, 0.2983, 0.3085



3.2687, 0.1534, 0.0723



0.2353, 0.1621, 0.1034

Previews

White Background



This preview shows how the Yxy color 47.2134, 0.3984, 0.4408 looks on a white background.

Color Contrast Check

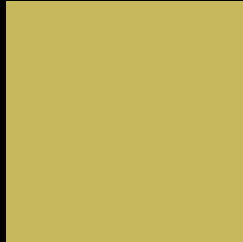
Large Text (above 18pt) WCAG AA × Fail

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 47.2134, 0.3984, 0.4408 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 47.2134, 0.3984, 0.4408

Background



This preview shows how black text looks on a background with the Yxy color 47.2134, 0.3984, 0.4408.



This preview shows how white text looks on a background with the Yxy color 47.2134, 0.3984, 0.4408.

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

47.2134, 0.3984, 0.4408

Protanopia

47.2138, 0.4018, 0.4385

Deuteranopia

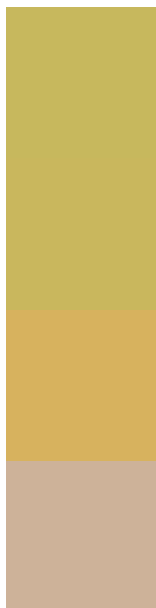
46.9456, 0.4271, 0.4182



Tritanopia

47.2699, 0.3322, 0.3133

Trichromacy



Original Color

47.2134, 0.3984, 0.4408

Protanomaly

47.0748, 0.4009, 0.4389

Deuteranomaly

47.0960, 0.4167, 0.4269

Tritanomaly

47.1198, 0.3583, 0.3604

Monochromacy



Original Color

47.2134, 0.3984, 0.4408

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.1882, 0.3453, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2134, 0.3984, 0.4408 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(199, 184, 93)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 93)  
}
```

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(199, 184, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 93) }
```

Border

The CSS property to change the border of an element to Yxy 47.2134, 0.3984, 0.4408 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(199, 184, 93) }
```

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

```
.border{ border-color:rgb(199, 184, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 93);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2134, 0.3984, 0.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 93) }
```

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

```
.background{ background-color: rgb(199,  
184, 93) }
```

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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