

Converting Colors

$Yxy(41.0182, 0.3774, 0.3611)$

Have a look what the booklet for
Yxy(41.0182, 0.3774, 0.3611)
contains.

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Color

Yxy(41.0085, 0.3774, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	CDA38A
RGB	205, 163, 138
RGB Percent	80%, 64%, 54%
CMY	0.1961, 0.3608, 0.4589
CMYK	0.00, 0.20, 0.33, 0.20
HSL	22°, 40%, 67%
HSV	22°, 33%, 80%
XYZ	42.8596, 41.0085, 29.6974
YIQ	172.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

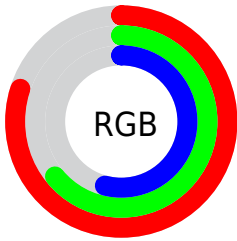
Format	Color
R _Y B	205, 178, 138
Decimal	13476746
CIE Lab	70.18, 11.95, 18.89
CIE LCh	70, 22.347, 57.688
Yxy	41.0085, 0.3774, 0.3611
Android (android.graphics.Color)	4291666826 (0xFFCDA38A)
YUV	172.7080, -17.1110, 28.3201
Hunter-Lab	64.0379, 7.4012, 17.3310

Details

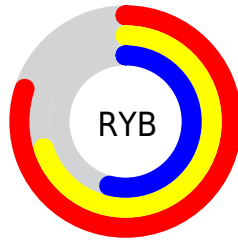
The Yxy color **41.0085, 0.3774, 0.3611** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4431, 0.2622, 0.2943**, and the grayscale version is **41.7093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2086, 0.3586, 0.3557**, and **18.5575, 0.3978, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **36.1390, 0.4041, 0.3712**, and if you desaturate by 10%, it is **46.4572, 0.3541, 0.3509**.

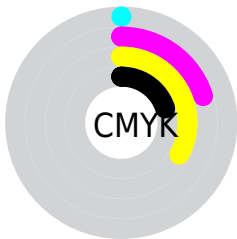
Distribution



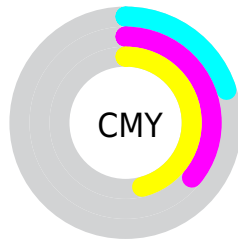
- Red (80%)
- Green (64%)
- Blue (54%)



- Red (80%)
- Yellow (70%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0085, 0.3774, 0.3611 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 41.0085, 0.3774, 0.3611 by changing the saturation by 10% instead.


 41.0085, 0.3774,
0.3611


 41.0085, 0.3774,
0.3611


350.3561, 0.3442,
0.3455


 28.3257, 0.3859,
0.3648


 76.6968, 0.3651,
0.3556

 18.5713, 0.3970,
0.3693


 100.4711, 0.3606,
0.3535

 11.3610, 0.4119,
0.3751

 128.7114, 0.3568,
0.3517

 6.3102, 0.4329,
0.3824

161.8020, 0.3535,
0.3501

 3.0346, 0.4642,
0.3914

200.1274, 0.3507,
0.3487

 1.1498, 0.5624,
0.4376

244.0720, 0.3482,

 0.0201, 0.9391,

0.3475

0.0609

294.0201, 0.3461,
0.3465

0.0000, 0.0000,
0.0000

41.0085, 0.3774,
0.3611

41.0085, 0.3774,
0.3611

36.1390, 0.4041,
0.3712

46.4572, 0.3541,
0.3509

31.8230, 0.4341,
0.3803

52.4985, 0.3340,
0.3409

28.0410, 0.4666,
0.3875

59.1522, 0.3169,
0.3314

24.7699, 0.5001,
0.3915


66.4358, 0.3022,
0.3226


21.9849, 0.5324,
0.3911


74.3656, 0.2898,
0.3145

 19.6582, 0.5607,
0.3856

 82.5660, 0.2823,
0.3132

 18.2219, 0.5782,
0.3791

 90.4022, 0.2831,
0.3268

 91.7183, 0.2833,
0.3289

Harmonies

Analogous

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



41.0085, 0.3718, 0.3348



41.0085, 0.3774, 0.3611



41.0085, 0.3647, 0.3809

Triad

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



41.0085, 0.3774, 0.3611



41.0085, 0.2761, 0.3499



41.0085, 0.2855, 0.2765

Complementary

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



41.0085, 0.3774, 0.3611



42.4431, 0.2622, 0.2943

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.



41.0085, 0.2620, 0.2777



41.0085, 0.3774, 0.3611



41.0085, 0.2569, 0.3185

Square

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



41.0085, 0.3774, 0.3611



41.0085, 0.3056, 0.3760



41.0085, 0.2519, 0.2923



41.0085, 0.3173, 0.2877

Rectangle

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



41.0085, 0.3774, 0.3611



41.0085, 0.3480, 0.3870



41.0085, 0.2519, 0.2923



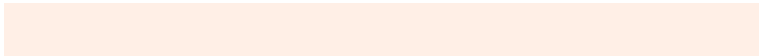
41.0085, 0.2764, 0.2754

Sweetspot

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



41.0104, 0.3774, 0.3611



88.6905, 0.3294, 0.3384



34.4654, 0.3408, 0.2761



18.6611, 0.3320, 0.3398



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.



41.0104, 0.3774, 0.3611



61.6448, 0.3952, 0.3680



54.3200, 0.3647, 0.4001



11.8885, 0.3281, 0.3377



11.5130, 0.5757, 0.3811



0.7385, 0.5387, 0.4104

Inverse Universe

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



42.4431, 0.2622, 0.2943



64.3172, 0.2520, 0.2858



30.6541, 0.2563, 0.2461



11.9956, 0.2983, 0.3201



12.6170, 0.1897, 0.2029



0.7935, 0.1973, 0.2303

Previews

White Background



This preview shows how the Yxy color 41.0085, 0.3774, 0.3611 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 41.0085, 0.3774, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

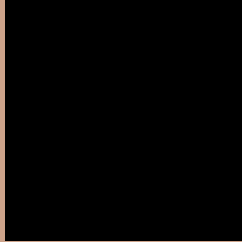
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0085, 0.3774, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 41.0085, 0.3774, 0.3611.



This preview shows how white text looks on a background with the Yxy color 41.0085, 0.3774, 0.3611.

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

41.0085, 0.3774, 0.3611

Protanopia

41.0239, 0.3483, 0.3688

Deuteranopia

41.0246, 0.3716, 0.3642



Tritanopia

40.8039, 0.3496, 0.3129

Trichromacy



Original Color

41.0085, 0.3774, 0.3611

Protanomaly

40.8755, 0.3579, 0.3653

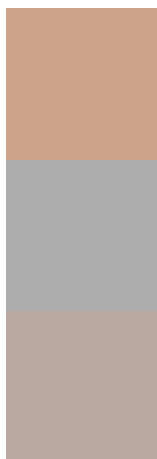
Deuteranomaly

40.9425, 0.3740, 0.3627

Tritanomaly

40.9102, 0.3599, 0.3304

Monochromacy



Original Color

41.0085, 0.3774, 0.3611

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2283, 0.3355, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0085, 0.3774, 0.3611 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(205, 163, 138)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 138)  
}
```

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(205, 163, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 138) }
```

Border

The CSS property to change the border of an element to Yxy 41.0085, 0.3774, 0.3611 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(205, 163, 138) }
```

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

```
.border{ border-color:rgb(205, 163, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 138);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0085, 0.3774, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 138) }
```

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

```
.background{ background-color: rgb(205,  
163, 138) }
```

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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