

Converting Colors

$Yxy(42.0468, 0.4111, 0.3807)$

Have a look what the booklet for
Yxy(42.0468, 0.4111, 0.3807)
contains.

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Color

Yxy(41.8578, 0.4115, 0.3808)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBA176 |
| RGB | 219, 161, 118 |
| RGB Percent | 86%, 63%, 46% |
| CMY | 0.1411, 0.3686, 0.5373 |
| CMYK | 0.00, 0.26, 0.46, 0.14 |
| HSL | 26°, 58%, 66% |
| HSV | 26°, 46%, 86% |
| XYZ | 45.2324, 41.8578, 22.8305 |
| YIQ | 173.4400, 48.3710, -1.0770 |

Conversions

Conversions Part 2

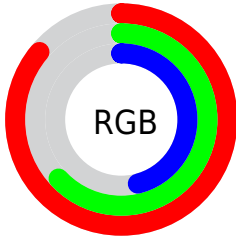
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 193, 118 |
| Decimal | 14393718 |
| CIE Lab | 70.77, 16.35, 30.79 |
| CIE LCh | 71, 34.861, 62.036 |
| Yxy | 41.8578, 0.4115, 0.3808 |
| Android (android.graphics.Color) | 4292583798 (0xFFDBA176) |
| YUV | 173.4400, -27.3319, 39.9561 |
| Hunter-Lab | 64.6976, 11.5748, 24.3660 |

Details

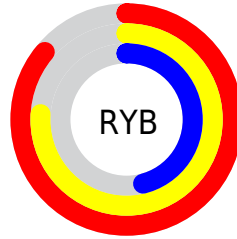
The Yxy color **41.8578, 0.4115, 0.3808** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.0213, 0.2407, 0.2692**, and the grayscale version is **42.1505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3120, 0.3746, 0.3754**, and **19.0483, 0.4406, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **37.2209, 0.4408, 0.3907**, and if you desaturate by 10%, it is **47.0619, 0.3848, 0.3696**.

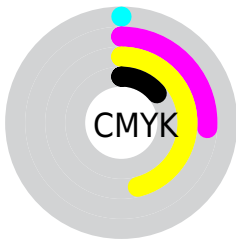
Distribution



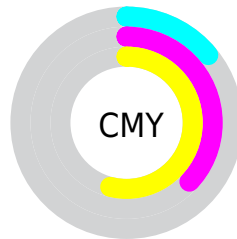
- Red (86%)
- Green (63%)
- Blue (46%)



- Red (86%)
- Yellow (76%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (14%)





- Cyan (14%)
- Magenta (37%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8578, 0.4115, 0.3808 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 41.8578, 0.4115, 0.3808 by changing the saturation by 10% instead.


 41.8578, 0.4115,
0.3808


 41.8578, 0.4115,
0.3808


353.8931, 0.3613,
0.3566


 28.9900, 0.4240,
0.3860


 77.9844, 0.3932,
0.3726

 19.0732, 0.4399,
0.3922


 102.0119, 0.3863,
0.3693

 11.7232, 0.4607,
0.3993


 130.5281, 0.3805,
0.3665

 6.5555, 0.4885,
0.4068

163.9174, 0.3755,
0.3640

 3.1857, 0.5347,
0.4191

202.5641, 0.3712,
0.3618

 1.2294, 0.5858,
0.4142

246.8527, 0.3675,

 0.0856, 0.8488,

0.3599

0.1512

297.1676, 0.3642,
0.3582

0.0000, 0.0000,
0.0000

41.8578, 0.4115,
0.3808

41.8578, 0.4115,
0.3808

37.2209, 0.4408,
0.3907

47.0619, 0.3848,
0.3696

33.1236, 0.4717,
0.3981

52.8473, 0.3611,
0.3580

29.5448, 0.5026,
0.4017


59.2351, 0.3404,
0.3464


26.4590, 0.5313,
0.4004

66.2431, 0.3225,
0.3354


23.8370, 0.5556,
0.3937

73.8888, 0.3070,
0.3251

 22.9337, 0.5642,
0.3902

 82.1885, 0.2937,
0.3155

 90.0633, 0.2910,
0.3229

 93.8033, 0.2912,
0.3289

Harmonies

Analogous

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



41.8578, 0.4079, 0.3417



41.8578, 0.4115, 0.3808



41.8578, 0.3869, 0.4111

Triad

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



41.8578, 0.4115, 0.3808



41.8578, 0.2509, 0.3540



41.8578, 0.2768, 0.2520

Complementary

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



41.8578, 0.4115, 0.3808



40.0213, 0.2407, 0.2692

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.



41.8578, 0.2400, 0.2500



41.8578, 0.4115, 0.3808



41.8578, 0.2259, 0.3042

Square

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



41.8578, 0.4115, 0.3808



41.8578, 0.2933, 0.3994



41.8578, 0.2222, 0.2674



41.8578, 0.3265, 0.2709

Rectangle

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



41.8578, 0.4115, 0.3808



41.8578, 0.3591, 0.4204



41.8578, 0.2222, 0.2674



41.8578, 0.2627, 0.2493

Sweetspot

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



41.8598, 0.4115, 0.3808



85.5196, 0.3366, 0.3442



31.1885, 0.3633, 0.2597



17.8608, 0.3407, 0.3466



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.



41.8598, 0.4115, 0.3808



52.9399, 0.4388, 0.3901



62.7618, 0.3847, 0.4336



13.9583, 0.3281, 0.3390



13.8029, 0.5616, 0.3923



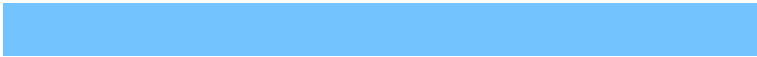
1.0627, 0.5329, 0.4151

Inverse Universe

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



40.0213, 0.2407, 0.2692



50.0108, 0.2272, 0.2544



23.9923, 0.2277, 0.1967



13.8526, 0.2982, 0.3188



12.0674, 0.1844, 0.1840



0.9513, 0.1917, 0.2099

Previews

White Background



This preview shows how the Yxy color 41.8578, 0.4115, 0.3808 looks on a white background.

Color Contrast Check

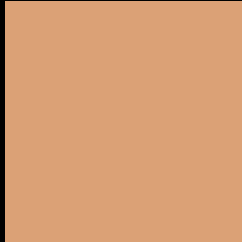
Large Text (above 18pt) WCAG AA × Fail

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 41.8578, 0.4115, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

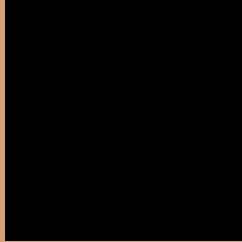
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8578, 0.4115, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 41.8578, 0.4115, 0.3808.



This preview shows how white text looks on a background with the Yxy color 41.8578, 0.4115, 0.3808.

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

41.8578, 0.4115, 0.3808

Protanopia

41.8820, 0.3692, 0.3964

Deuteranopia

41.9667, 0.3987, 0.3904



Tritanopia

41.8838, 0.3701, 0.3161

Trichromacy



Original Color

41.8578, 0.4115, 0.3808

Protanomaly

41.8985, 0.3846, 0.3912

Deuteranomaly

41.8323, 0.4038, 0.3871

Tritanomaly

41.8135, 0.3857, 0.3388

Monochromacy



Original Color

41.8578, 0.4115, 0.3808

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6230, 0.3466, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8578, 0.4115, 0.3808 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(219, 161, 118)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 118)  
}
```

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(219, 161, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 118) }
```

Border

The CSS property to change the border of an element to Yxy 41.8578, 0.4115, 0.3808 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(219, 161, 118) }
```

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

```
.border{ border-color:rgb(219, 161, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 161, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 118);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8578, 0.4115, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 118) }
```

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

```
.background{ background-color: rgb(219,  
161, 118) }
```

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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