

Converting Colors

Yxy(48.5152, 0.3669, 0.3484)

Have a look what the booklet for
Yxy(48.5152, 0.3669, 0.3484)
contains.

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Color

Yxy(48.7695, 0.3675, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	DCB09F
RGB	220, 176, 159
RGB Percent	86%, 69%, 62%
CMY	0.1373, 0.3098, 0.3764
CMYK	0.00, 0.20, 0.28, 0.14
HSL	17°, 47%, 74%
HSV	17°, 28%, 86%
XYZ	51.2959, 48.7695, 39.5153
YIQ	187.2180, 31.6810, 4.0410

Conversions

Conversions Part 2

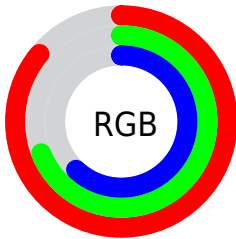
Format	Color
RYB	220, 183, 159
Decimal	14463135
CIELab	75.31, 13.52, 14.77
CIElCh	75, 20.020, 47.533
Yxy	48.7695, 0.3675, 0.3494
Android (android.graphics.Color)	4292653215 (0xFFDCB09F)
YUV	187.2180, -13.9115, 28.7498
Hunter-Lab	69.8352, 8.9018, 15.3362

Details

The Yxy color **48.7695, 0.3675, 0.3494** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2441, 0.2704, 0.3076**, and the grayscale version is **49.8911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8283, 0.3405, 0.3471**, and **23.1411, 0.3828, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **42.2118, 0.3945, 0.3571**, and if you desaturate by 10%, it is **56.1948, 0.3446, 0.3417**.

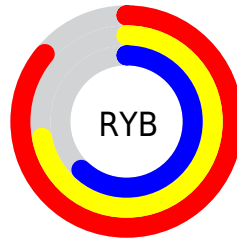
Distribution



Red (86%)

Green (69%)

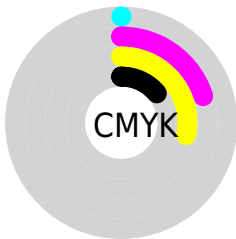
Blue (62%)



Red (86%)

Yellow (72%)

Blue (62%)

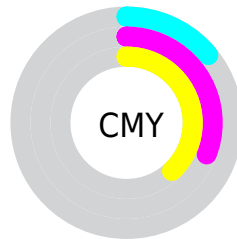


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (14%)



Cyan (14%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7695, 0.3675, 0.3494 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 48.7695, 0.3675, 0.3494 by changing the saturation by 10% instead.


 48.7695, 0.3675,
0.3494

 48.7695, 0.3675,
0.3494


381.8342, 0.3401,
0.3399

 34.4367, 0.3743,
0.3516


 88.3490, 0.3575,
0.3461

 23.2293, 0.3831,
0.3542


 114.3645, 0.3538,
0.3448

 14.7629, 0.3947,
0.3575


145.0430, 0.3506,
0.3437

 8.6531, 0.4107,
0.3617

180.7688, 0.3479,
0.3427

 4.5156, 0.4343,
0.3668

221.9265, 0.3456,
0.3419

 1.9660, 0.4724,
0.3733

268.9003, 0.3435,

 0.5876, 0.6021,

0.3411

0.3979

322.0748, 0.3417,
0.3405

0.0000, 0.0000,
0.0000

48.7695, 0.3675,
0.3494

48.7695, 0.3675,
0.3494

42.2118, 0.3945,
0.3571

56.1948, 0.3446,
0.3417

36.4828, 0.4257,
0.3644

64.5114, 0.3254,
0.3344

31.5505, 0.4609,
0.3703

73.7504, 0.3093,
0.3275

27.3783, 0.4986,
0.3740

83.9392, 0.2958,
0.3211

23.9262, 0.5365,
0.3741

93.9534, 0.2917,
0.3289

■ 21.1503, 0.5707,
0.3698

■ 18.9994, 0.5977,
0.3613

■ 18.5862, 0.6031,
0.3593

Harmonies

Analogous

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



48.7695, 0.3576, 0.3264



48.7695, 0.3675, 0.3494



48.7695, 0.3619, 0.3685

Triad

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



48.7695, 0.3675, 0.3494



48.7695, 0.2895, 0.3549



48.7695, 0.2818, 0.2833

Complementary

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



48.7695, 0.3675, 0.3494



55.2441, 0.2704, 0.3076

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.



48.7695, 0.2653, 0.2885



48.7695, 0.3675, 0.3494



48.7695, 0.2695, 0.3292

Square

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



48.7695, 0.3675, 0.3494



48.7695, 0.3163, 0.3732



48.7695, 0.2609, 0.3048



48.7695, 0.3072, 0.2894

Rectangle

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



48.7695, 0.3675, 0.3494



48.7695, 0.3504, 0.3762



48.7695, 0.2609, 0.3048



48.7695, 0.2751, 0.2837

Sweetspot

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



48.7718, 0.3675, 0.3494



89.7246, 0.3260, 0.3346



44.3601, 0.3301, 0.2775



18.8113, 0.3287, 0.3357



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.



48.7718, 0.3675, 0.3494



62.9164, 0.3819, 0.3537



61.7433, 0.3584, 0.3830



13.6395, 0.3285, 0.3356



11.0719, 0.6004, 0.3614



0.8612, 0.5680, 0.3872

Inverse Universe

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



55.2441, 0.2704, 0.3076



73.3155, 0.2623, 0.3026



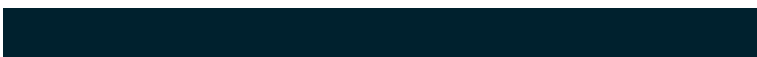
42.5174, 0.2664, 0.2684



14.1838, 0.2982, 0.3223



17.7144, 0.1989, 0.2362



1.2899, 0.2036, 0.2531

Previews

White Background



This preview shows how the Yxy color 48.7695, 0.3675, 0.3494 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 48.7695, 0.3675, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

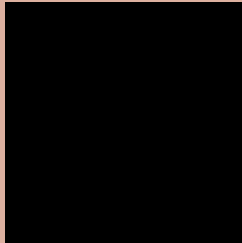
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7695, 0.3675, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 48.7695, 0.3675, 0.3494.



This preview shows how white text looks on a background with the Yxy color 48.7695, 0.3675, 0.3494.

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

48.7695, 0.3675, 0.3494

Protanopia

48.8476, 0.3373, 0.3559

Deuteranopia

48.8550, 0.3610, 0.3547



Tritanopia

48.6958, 0.3478, 0.3140

Trichromacy



Original Color

48.7695, 0.3675, 0.3494

Protanomaly

48.7610, 0.3477, 0.3541

Deuteranomaly

48.9083, 0.3641, 0.3533

Tritanomaly

48.5513, 0.3548, 0.3256

Monochromacy



Original Color

48.7695, 0.3675, 0.3494

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1834, 0.3313, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7695, 0.3675, 0.3494 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(220, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(220, 176, 159)  
}
```

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(220, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 176, 159) }
```

Border

The CSS property to change the border of an element to Yxy 48.7695, 0.3675, 0.3494 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(220, 176, 159) }
```

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

```
.border{ border-color:rgb(220, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(220, 176,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7695, 0.3675, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 176, 159) }
```

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

```
.background{ background-color: rgb(220,  
176, 159) }
```

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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