

Converting Colors

$Yxy(46.2046, 0.3610, 0.3476)$

Have a look what the booklet for
Yxy(46.2046, 0.3610, 0.3476)
contains.

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Color

Yxy(46.2046, 0.3610, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	D3AD9E
RGB	211, 173, 158
RGB Percent	83%, 68%, 62%
CMY	0.1724, 0.3216, 0.3804
CMYK	0.00, 0.18, 0.25, 0.17
HSL	17°, 38%, 72%
HSV	17°, 25%, 83%
XYZ	47.9858, 46.2046, 38.7342
YIQ	182.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

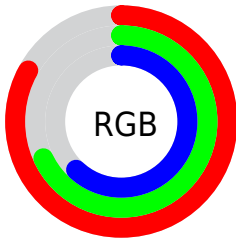
Format	Color
R _Y B	211, 179, 158
Decimal	13872542
CIE Lab	73.68, 11.59, 12.90
CIE LCh	74, 17.345, 48.074
Yxy	46.2046, 0.3610, 0.3476
Android (android.graphics.Color)	4292062622 (0xFFD3AD9E)
YUV	182.6520, -12.1534, 24.8612
Hunter-Lab	67.9740, 7.0565, 13.7960

Details

The Yxy color **46.2046, 0.3610, 0.3476** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4697, 0.2743, 0.3096**, and the grayscale version is **47.2122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5509, 0.3418, 0.3441**, and **21.8042, 0.3748, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **40.0618, 0.3867, 0.3554**, and if you desaturate by 10%, it is **53.1341, 0.3392, 0.3399**.

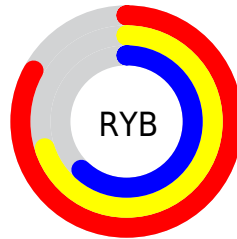
Distribution



Red (83%)

Green (68%)

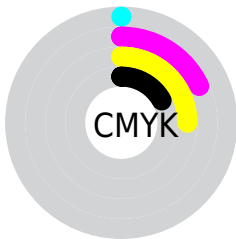
Blue (62%)



Red (83%)

Yellow (70%)

Blue (62%)

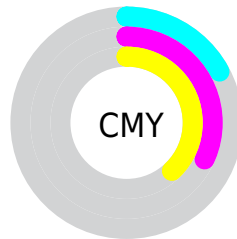


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2046, 0.3610, 0.3476 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 46.2046, 0.3610, 0.3476 by changing the saturation by 10% instead.


 46.2046, 0.3610,
0.3476


 46.2046, 0.3610,
0.3476


371.6306, 0.3366,
0.3387

 32.4073, 0.3671,
0.3497


 84.5251, 0.3521,
0.3445

 21.6728, 0.3751,
0.3522


 109.8171, 0.3488,
0.3433

 13.6167, 0.3856,
0.3555

139.7095, 0.3460,
0.3423

 7.8545, 0.4004,
0.3597

174.5866, 0.3436,
0.3414

 4.0020, 0.4225,
0.3651

214.8329, 0.3415,
0.3406

 1.6747, 0.4603,
0.3733

260.8327, 0.3397,

 0.4072, 0.6220,

0.3399

0.3780

312.9705, 0.3381,
0.3393

0.0000, 0.0000,
0.0000

46.2046, 0.3610,
0.3476

46.2046, 0.3610,
0.3476

40.0618, 0.3867,
0.3554

53.1341, 0.3392,
0.3399

34.6711, 0.4166,
0.3630

60.8706, 0.3209,
0.3326

30.0046, 0.4506,
0.3695

69.4417, 0.3056,
0.3258

26.0303, 0.4876,
0.3739

78.8717, 0.2927,
0.3195

22.7134, 0.5255,
0.3752

88.6234, 0.2863,
0.3224

■ 20.0160, 0.5609,
0.3723

■ 92.5939, 0.2866,
0.3289

■ 17.8955, 0.5899,
0.3648

■ 17.0515, 0.6018,
0.3604

Harmonies

Analogous

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



46.2046, 0.3525, 0.3272



46.2046, 0.3610, 0.3476



46.2046, 0.3559, 0.3642

Triad

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



46.2046, 0.3610, 0.3476



46.2046, 0.2919, 0.3514



46.2046, 0.2858, 0.2885

Complementary

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



46.2046, 0.3610, 0.3476



51.4697, 0.2743, 0.3096

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.



46.2046, 0.2709, 0.2930



46.2046, 0.3610, 0.3476



46.2046, 0.2743, 0.3289

Square

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



46.2046, 0.3610, 0.3476



46.2046, 0.3156, 0.3676



46.2046, 0.2667, 0.3075



46.2046, 0.3084, 0.2940

Rectangle

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



46.2046, 0.3610, 0.3476



46.2046, 0.3457, 0.3707



46.2046, 0.2667, 0.3075



46.2046, 0.2798, 0.2889

Sweetspot

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



46.2067, 0.3610, 0.3476



89.7724, 0.3260, 0.3347



42.3322, 0.3281, 0.2825



18.8233, 0.3287, 0.3358



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.



46.2067, 0.3610, 0.3476



65.8640, 0.3738, 0.3517



57.0121, 0.3537, 0.3777



12.3448, 0.3284, 0.3356



10.4383, 0.5991, 0.3625



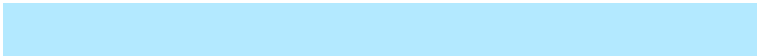
0.7192, 0.5623, 0.3917

Inverse Universe

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



51.4697, 0.2743, 0.3096



75.2309, 0.2666, 0.3050



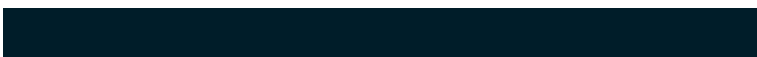
40.8622, 0.2713, 0.2750



12.8185, 0.2983, 0.3223



16.4428, 0.1986, 0.2350



1.0504, 0.2040, 0.2543

Previews

White Background



This preview shows how the Yxy color 46.2046, 0.3610, 0.3476 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 46.2046, 0.3610, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

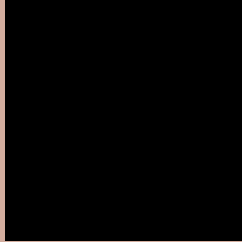
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2046, 0.3610, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 46.2046, 0.3610, 0.3476.



This preview shows how white text looks on a background with the Yxy color 46.2046, 0.3610, 0.3476.

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

46.2046, 0.3610, 0.3476

Protanopia

46.4752, 0.3353, 0.3539

Deuteranopia

46.3940, 0.3566, 0.3503



Tritanopia

46.0910, 0.3419, 0.3123

Trichromacy



Original Color

46.2046, 0.3610, 0.3476

Protanomaly

46.2843, 0.3440, 0.3508

Deuteranomaly

46.1506, 0.3579, 0.3490

Tritanomaly

45.9516, 0.3490, 0.3243

Monochromacy



Original Color

46.2046, 0.3610, 0.3476

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6336, 0.3291, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2046, 0.3610, 0.3476 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(211, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 158)  
}
```

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(211, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 158) }
```

Border

The CSS property to change the border of an element to Yxy 46.2046, 0.3610, 0.3476 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(211, 173, 158) }
```

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

```
.border{ border-color:rgb(211, 173, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 158);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2046, 0.3610, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 158) }
```

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

```
.background{ background-color: rgb(211,  
173, 158) }
```

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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