

Converting Colors

$Yxy(46.8062, 0.3760, 0.3470)$

Have a look what the booklet for
Yxy(46.8062, 0.3760, 0.3470)
contains.

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Color

Yxy(46.8040, 0.3760, 0.3470)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DFAA9B |
| RGB | 223, 170, 155 |
| RGB Percent | 87%, 67%, 61% |
| CMY | 0.1256, 0.3333, 0.3922 |
| CMYK | 0.00, 0.24, 0.30, 0.13 |
| HSL | 13°, 51%, 74% |
| HSV | 13°, 30%, 87% |
| XYZ | 50.7156, 46.8040, 37.3623 |
| YIQ | 184.1370, 36.4030, 6.5710 |

Conversions

Conversions Part 2

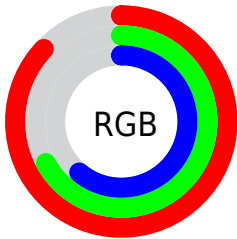
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 174, 155 |
| Decimal | 14658203 |
| CIE Lab | 74.06, 17.34, 15.26 |
| CIE LCh | 74, 23.098, 41.363 |
| Yxy | 46.8040, 0.3760, 0.3470 |
| Android (android.graphics.Color) | 4292848283 (0xFFDFAA9B) |
| YUV | 184.1370, -14.3645, 34.0829 |
| Hunter-Lab | 68.4134, 12.6003, 15.5097 |

Details

The Yxy color **46.8040, 0.3760, 0.3470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3748, 0.2669, 0.3101**, and the grayscale version is **48.0780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7139, 0.3451, 0.3452**, and **22.1718, 0.3945, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **40.0374, 0.4054, 0.3531**, and if you desaturate by 10%, it is **54.5735, 0.3512, 0.3408**.

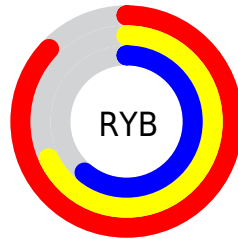
Distribution



Red (87%)

Green (67%)

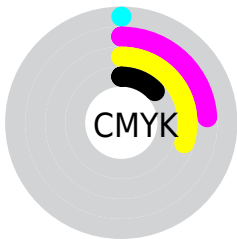
Blue (61%)



Red (87%)

Yellow (68%)

Blue (61%)

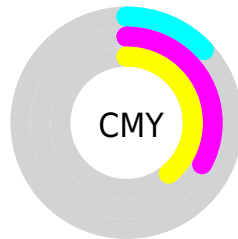


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8040, 0.3760, 0.3470 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 46.8040, 0.3760, 0.3470 by changing the saturation by 10% instead.


 46.8040, 0.3760,
0.3470


 46.8040, 0.3760,
0.3470

374.0316, 0.3441,
0.3388

 32.8807, 0.3840,
0.3488


 85.4210, 0.3644,
0.3442

 22.0351, 0.3943,
0.3509


 110.8835, 0.3600,
0.3431

 13.8827, 0.4080,
0.3534


140.9612, 0.3563,
0.3422

 8.0391, 0.4271,
0.3564

176.0385, 0.3532,
0.3413

 4.1200, 0.4553,
0.3596

216.4998, 0.3504,
0.3406

 1.7409, 0.5044,
0.3642

262.7295, 0.3481,

 0.4499, 0.6541,

0.3399

0.3459

315.1120, 0.3459,
0.3393

0.0000, 0.0000,
0.0000

46.8040, 0.3760,
0.3470

46.8040, 0.3760,
0.3470

40.0374, 0.4054,
0.3531

54.5735, 0.3512,
0.3408

34.2259, 0.4397,
0.3586

63.3779, 0.3306,
0.3349

29.3279, 0.4781,
0.3627

73.2561, 0.3135,
0.3293

25.2957, 0.5188,
0.3644

84.2427, 0.2993,
0.3241

22.0772, 0.5583,
0.3628

94.4241, 0.2934,
0.3289

■ 19.6144, 0.5919,
0.3572

■ 17.9069, 0.6155,
0.3495

Harmonies

Analogous

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



46.8040, 0.3608, 0.3202



46.8040, 0.3760, 0.3470



46.8040, 0.3730, 0.3709

Triad

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



46.8040, 0.3760, 0.3470



46.8040, 0.2915, 0.3650



46.8040, 0.2717, 0.2761

Complementary

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



46.8040, 0.3760, 0.3470



57.3748, 0.2669, 0.3101

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.



46.8040, 0.2553, 0.2845



46.8040, 0.3760, 0.3470



46.8040, 0.2662, 0.3355

Square

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



46.8040, 0.3760, 0.3470



46.8040, 0.3234, 0.3837



46.8040, 0.2533, 0.3057



46.8040, 0.2995, 0.2807

Rectangle

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



46.8040, 0.3760, 0.3470



46.8040, 0.3615, 0.3819



46.8040, 0.2533, 0.3057



46.8040, 0.2648, 0.2774

Sweetspot

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



46.8062, 0.3760, 0.3470



87.7301, 0.3280, 0.3340



43.6864, 0.3292, 0.2685



18.3776, 0.3307, 0.3349



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.



46.8062, 0.3760, 0.3470



57.0788, 0.3954, 0.3512



61.0983, 0.3646, 0.3850



14.1896, 0.3287, 0.3343



10.6695, 0.6131, 0.3514



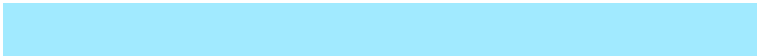
0.8722, 0.5833, 0.3750

Inverse Universe

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



57.3748, 0.2669, 0.3101



73.6829, 0.2574, 0.3053



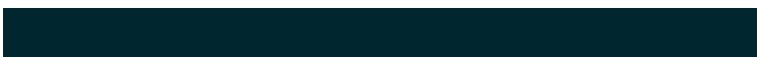
42.6602, 0.2618, 0.2658



15.0311, 0.2982, 0.3237



21.0348, 0.2046, 0.2564



1.5865, 0.2080, 0.2689

Previews

White Background



This preview shows how the Yxy color 46.8040, 0.3760, 0.3470 looks on a white background.

Color Contrast Check

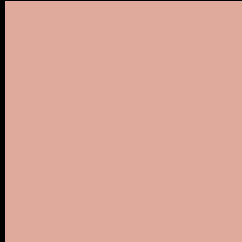
Large Text (above 18pt) WCAG AA × Fail

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 46.8040, 0.3760, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

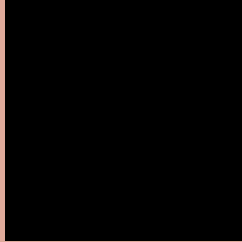
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8040, 0.3760, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 46.8040, 0.3760, 0.3470.



This preview shows how white text looks on a background with the Yxy color 46.8040, 0.3760, 0.3470.

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

46.8040, 0.3760, 0.3470

Protanopia

47.1055, 0.3377, 0.3563

Deuteranopia

46.6947, 0.3630, 0.3551



Tritanopia

46.6959, 0.3574, 0.3140

Trichromacy



Original Color

46.8040, 0.3760, 0.3470

Protanomaly

47.0405, 0.3512, 0.3530

Deuteranomaly

46.6673, 0.3684, 0.3523

Tritanomaly

46.5473, 0.3647, 0.3256

Monochromacy



Original Color

46.8040, 0.3760, 0.3470

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.2631, 0.3344, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8040, 0.3760, 0.3470 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(223, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(223, 170, 155)  
}
```

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(223, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 170, 155) }
```

Border

The CSS property to change the border of an element to Yxy 46.8040, 0.3760, 0.3470 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(223, 170, 155) }
```

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

```
.border{ border-color:rgb(223, 170, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 170, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(223, 170,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8040, 0.3760, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 170, 155) }
```

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

```
.background{ background-color: rgb(223,  
170, 155) }
```

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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