

Converting Colors

$Yxy(47.9125, 0.3802, 0.3622)$

Have a look what the booklet for
Yxy(47.9125, 0.3802, 0.3622)
contains.

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Color

Yxy(47.7508, 0.3800, 0.3613)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DDAE93 |
| RGB | 221, 174, 147 |
| RGB Percent | 87%, 68%, 58% |
| CMY | 0.1334, 0.3176, 0.4234 |
| CMYK | 0.00, 0.21, 0.33, 0.13 |
| HSL | 22°, 52%, 72% |
| HSV | 22°, 33%, 87% |
| XYZ | 50.2223, 47.7508, 34.1908 |
| YIQ | 184.9750, 36.6790, 1.5670 |

Conversions

Conversions Part 2

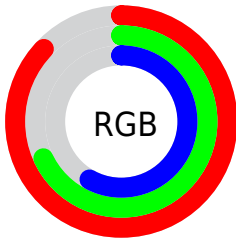
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 190, 147 |
| Decimal | 14528147 |
| CIE Lab | 74.67, 13.42, 20.38 |
| CIE LCh | 75, 24.403, 56.647 |
| Yxy | 47.7508, 0.3800, 0.3613 |
| Android (android.graphics.Color) | 4292718227 (0xFFDDAE93) |
| YUV | 184.9750, -18.7217, 31.5939 |
| Hunter-Lab | 69.1020, 8.8027, 19.0354 |

Details

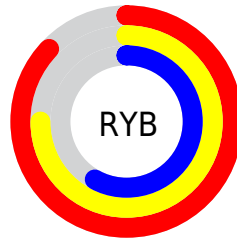
The Yxy color $47.7508, 0.3800, 0.3613$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $50.0245, 0.2609, 0.2940$, and the grayscale version is $48.5944, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0707, 0.3496, 0.3583$, and $22.7629, 0.3997, 0.3700$ is the 20% darker color. If you saturate the color by 10%, you get $41.9791, 0.4074, 0.3711$, and if you desaturate by 10%, it is $54.2275, 0.3561, 0.3512$.

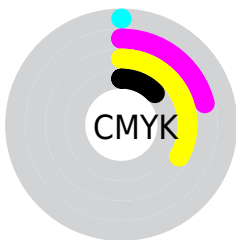
Distribution



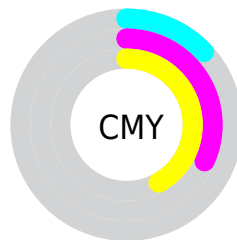
- Red (87%)
- Green (68%)
- Blue (58%)



- Red (87%)
- Yellow (75%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7508, 0.3800, 0.3613 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 47.7508, 0.3800, 0.3613 by changing the saturation by 10% instead.


 47.7508, 0.3800,
0.3613

 47.7508, 0.3800,
0.3613


377.8035, 0.3463,
0.3461

 33.6296, 0.3884,
0.3647


 86.8333, 0.3678,
0.3560

 22.6092, 0.3991,
0.3690


 112.5633, 0.3632,
0.3540

 14.3052, 0.4132,
0.3742


142.9317, 0.3593,
0.3522

 8.3332, 0.4326,
0.3806

178.3229, 0.3559,
0.3507

 4.3089, 0.4606,
0.3884

219.1213, 0.3530,
0.3493

 1.8478, 0.5172,
0.4072

265.7113, 0.3505,

 0.5167, 0.6130,

0.3481

0.3870

318.4772, 0.3483,
0.3471

0.0000, 0.0000,
0.0000

47.7508, 0.3800,
0.3613

47.7508, 0.3800,
0.3613

41.9791, 0.4074,
0.3711

54.2275, 0.3561,
0.3512

36.8807, 0.4381,
0.3799

61.4261, 0.3356,
0.3414

32.4311, 0.4713,
0.3867

69.3713, 0.3181,
0.3321

28.6017, 0.5054,
0.3901

78.0846, 0.3033,
0.3234

25.3613, 0.5380,
0.3890

87.4217, 0.2920,
0.3180

■ 22.6748, 0.5660,
0.3827

■ 94.1110, 0.2923,
0.3289

■ 21.1927, 0.5815,
0.3765

Harmonies

Analogous

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



47.7508, 0.3736, 0.3340



47.7508, 0.3800, 0.3613



47.7508, 0.3673, 0.3823

Triad

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



47.7508, 0.3800, 0.3613



47.7508, 0.2756, 0.3518



47.7508, 0.2834, 0.2744

Complementary

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



47.7508, 0.3800, 0.3613



50.0245, 0.2609, 0.2940

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.



47.7508, 0.2596, 0.2761



47.7508, 0.3800, 0.3613



47.7508, 0.2553, 0.3191

Square

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



47.7508, 0.3800, 0.3613



47.7508, 0.3064, 0.3786



47.7508, 0.2496, 0.2917



47.7508, 0.3162, 0.2856

Rectangle

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



47.7508, 0.3800, 0.3613



47.7508, 0.3503, 0.3891



47.7508, 0.2496, 0.2917



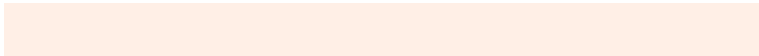
47.7508, 0.2741, 0.2735

Sweetspot

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



47.7530, 0.3800, 0.3613



88.5595, 0.3294, 0.3382



40.1970, 0.3407, 0.2732



18.6295, 0.3320, 0.3395



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.



47.7530, 0.3800, 0.3613



60.4687, 0.3984, 0.3681



63.5230, 0.3667, 0.4009



13.8249, 0.3282, 0.3376



12.5095, 0.5786, 0.3787



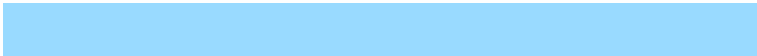
0.9713, 0.5476, 0.4034

Inverse Universe

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



50.0245, 0.2609, 0.2940



64.0372, 0.2507, 0.2856



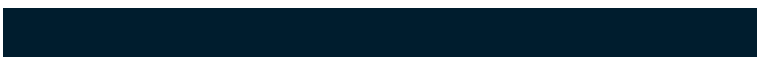
35.9272, 0.2546, 0.2450



13.9896, 0.2982, 0.3203



14.2231, 0.1904, 0.2056



1.0833, 0.1967, 0.2280

Previews

White Background



This preview shows how the Yxy color 47.7508, 0.3800, 0.3613 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 47.7508, 0.3800, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

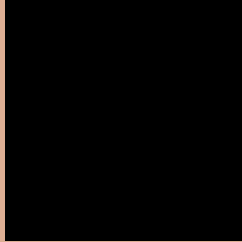
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7508, 0.3800, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 47.7508, 0.3800, 0.3613.



This preview shows how white text looks on a background with the Yxy color 47.7508, 0.3800, 0.3613.

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

47.7508, 0.3800, 0.3613

Protanopia

48.1501, 0.3484, 0.3702

Deuteranopia

47.9979, 0.3733, 0.3656



Tritanopia

47.7609, 0.3530, 0.3140

Trichromacy



Original Color

47.7508, 0.3800, 0.3613

Protanomaly

47.6819, 0.3594, 0.3668

Deuteranomaly

47.9090, 0.3755, 0.3642

Tritanomaly

47.8377, 0.3636, 0.3315

Monochromacy



Original Color

47.7508, 0.3800, 0.3613

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9938, 0.3358, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7508, 0.3800, 0.3613 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(221, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 147)  
}
```

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(221, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 147) }
```

Border

The CSS property to change the border of an element to Yxy 47.7508, 0.3800, 0.3613 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(221, 174, 147) }
```

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

```
.border{ border-color:rgb(221, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7508, 0.3800, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 147) }
```

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

```
.background{ background-color: rgb(221,  
174, 147) }
```

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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