

Converting Colors

$Yxy(49.8594, 0.3691, 0.3749)$

Have a look what the booklet for
Yxy(49.8594, 0.3691, 0.3749)
contains.

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Color

Yxy(49.7912, 0.3683, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	D3B792
RGB	211, 183, 146
RGB Percent	83%, 72%, 57%
CMY	0.1726, 0.2823, 0.4275
CMYK	0.00, 0.13, 0.31, 0.17
HSL	34°, 42%, 70%
HSV	34°, 31%, 83%
XYZ	48.9800, 49.7912, 34.2182
YIQ	187.1540, 28.5650, -5.5710

Conversions

Conversions Part 2

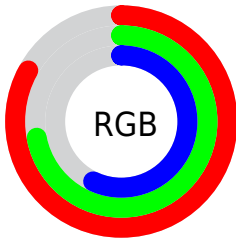
Format	Color
R _Y B	195, 211, 146
Decimal	13875090
CIE Lab	75.94, 4.57, 22.54
CIE LCh	76, 23.001, 78.548
Yxy	49.7912, 0.3683, 0.3744
Android (android.graphics.Color)	4292065170 (0xFFD3B792)
YUV	187.1540, -20.2889, 20.9129
Hunter-Lab	70.5629, 0.4176, 20.6424

Details

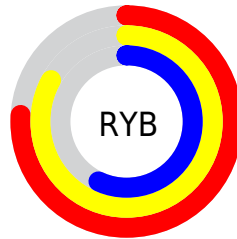
The Yxy color $49.7912, 0.3683, 0.3744$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.0651, 0.2630, 0.2788$, and the grayscale version is $49.8896, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1631, 0.3485, 0.3681$, and $23.8594, 0.3845, 0.3861$ is the 20% darker color. If you saturate the color by 10%, you get $45.5712, 0.3904, 0.3895$, and if you desaturate by 10%, it is $54.3785, 0.3481, 0.3592$.

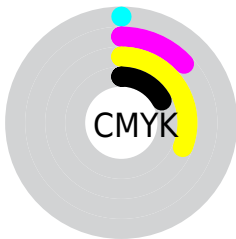
Distribution



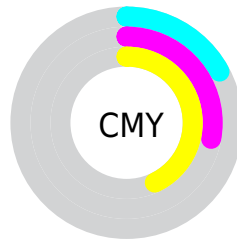
- Red (83%)
- Green (72%)
- Blue (57%)



- Red (76%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7912, 0.3683, 0.3744 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 49.7912, 0.3683, 0.3744 by changing the saturation by 10% instead.

 49.7912, 0.3683,
0.3744

 49.7912, 0.3683,
0.3744


385.8488, 0.3408,
0.3524

 35.2475, 0.3750,
0.3796

 89.8654, 0.3584,
0.3666

 23.8536, 0.3835,
0.3862


 116.1648, 0.3547,
0.3636

 15.2251, 0.3946,
0.3945


147.1515, 0.3515,
0.3610

 8.9775, 0.4095,
0.4055

183.2099, 0.3488,
0.3588

 4.7265, 0.4305,
0.4203

224.7244, 0.3464,
0.3569

 2.0877, 0.4735,
0.4517

272.0795, 0.3443,

 0.6577, 0.5283,

0.3552

0.4717

325.6595, 0.3425,
0.3537

0.0000, 0.0000,
0.0000

49.7912, 0.3683,
0.3744

49.7912, 0.3683,
0.3744

45.5712, 0.3904,
0.3895

54.3785, 0.3481,
0.3592

41.7004, 0.4140,
0.4036

59.3368, 0.3300,
0.3443

38.1692, 0.4386,
0.4158

64.6783, 0.3139,
0.3301


34.9645, 0.4629,
0.4248


70.4127, 0.2997,
0.3168


32.0722, 0.4858,
0.4294

76.5492, 0.2872,
0.3045

 29.4759, 0.5058,
0.4288

 81.9122, 0.2857,
0.3106

 27.3268, 0.5215,
0.4241

 87.3167, 0.2862,
0.3202

 92.5854, 0.2866,
0.3289

Harmonies

Analogous

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



49.7912, 0.3754, 0.3527



49.7912, 0.3683, 0.3744



49.7912, 0.3461, 0.3850

Triad

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



49.7912, 0.3683, 0.3744



49.7912, 0.2631, 0.3280



49.7912, 0.3074, 0.2846

Complementary

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



49.7912, 0.3683, 0.3744



41.0651, 0.2630, 0.2788

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.



49.7912, 0.2784, 0.2772



49.7912, 0.3683, 0.3744



49.7912, 0.2538, 0.3004

Square

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



49.7912, 0.3683, 0.3744



49.7912, 0.2853, 0.3578



49.7912, 0.2593, 0.2824



49.7912, 0.3392, 0.3023

Rectangle

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



49.7912, 0.3683, 0.3744



49.7912, 0.3261, 0.3832



49.7912, 0.2593, 0.2824



49.7912, 0.2970, 0.2809

Sweetspot

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



49.7935, 0.3683, 0.3744



92.4698, 0.3271, 0.3418



37.4617, 0.3520, 0.2944



19.5417, 0.3296, 0.3439



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.



49.7935, 0.3683, 0.3744



72.1191, 0.3827, 0.3844



61.8660, 0.3554, 0.4063



12.9102, 0.3276, 0.3422



16.7029, 0.5195, 0.4257



1.0899, 0.4963, 0.4442

Inverse Universe

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



41.0651, 0.2630, 0.2788



56.6485, 0.2518, 0.2660



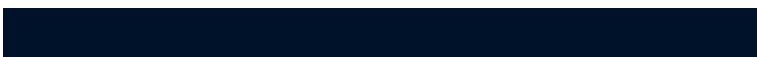
31.7709, 0.2619, 0.2400



12.2422, 0.2982, 0.3154



7.5267, 0.1713, 0.1366



0.5770, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 49.7912, 0.3683, 0.3744 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 49.7912, 0.3683, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

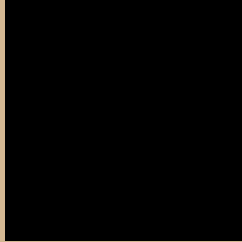
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7912, 0.3683, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 49.7912, 0.3683, 0.3744.

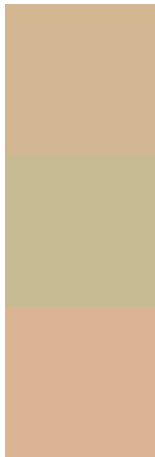


This preview shows how white text looks on a background with the Yxy color 49.7912, 0.3683, 0.3744.

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

49.7912, 0.3683, 0.3744

Protanopia

49.8209, 0.3545, 0.3784

Deuteranopia

49.8092, 0.3759, 0.3685



Tritanopia

49.8048, 0.3354, 0.3126

Trichromacy



Original Color

49.7912, 0.3683, 0.3744

Protanomaly

49.9209, 0.3592, 0.3779

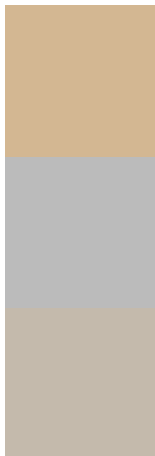
Deuteranomaly

49.7533, 0.3728, 0.3701

Tritanomaly

49.6315, 0.3471, 0.3339

Monochromacy



Original Color

49.7912, 0.3683, 0.3744

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8321, 0.3324, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7912, 0.3683, 0.3744 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, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 183, 146)  
}
```

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, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 183, 146) }
```

Border

The CSS property to change the border of an element to Yxy 49.7912, 0.3683, 0.3744 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, 183, 146) }
```

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

```
.border{ border-color:rgb(211, 183, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 183,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7912, 0.3683, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 183, 146) }
```

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

```
.background{ background-color: rgb(211,  
183, 146) }
```

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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