

Converting Colors

$Yxy(54.0206, 0.3685, 0.3848)$

Have a look what the booklet for
Yxy(54.0206, 0.3685, 0.3848)
contains.

Yxy(54.0397, 0.3686, 0.3854)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0397, 0.3686, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	D6C091
RGB	214, 192, 145
RGB Percent	84%, 75%, 57%
CMY	0.1609, 0.2470, 0.4314
CMYK	0.00, 0.10, 0.32, 0.16
HSL	41°, 46%, 70%
HSV	41°, 32%, 84%
XYZ	51.6841, 54.0397, 34.4934
YIQ	193.2200, 28.1990, -9.9530

Conversions

Conversions Part 2

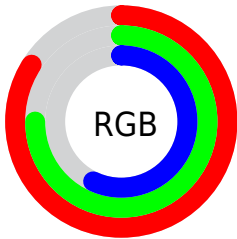
Format	Color
RYB	177, 214, 145
Decimal	14074001
CIELab	78.48, 0.85, 26.57
CIELCh	78, 26.579, 88.175
Yxy	54.0397, 0.3686, 0.3854
Android (android.graphics.Color)	4292264081 (0xFFD6C091)
YUV	193.2200, -23.7725, 18.2241
Hunter-Lab	73.5117, -3.1470, 23.6379

Details

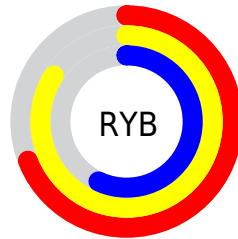
The Yxy color **54.0397, 0.3686, 0.3854** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4901, 0.2592, 0.2652**, and the grayscale version is **53.5937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5183, 0.3474, 0.3776**, and **26.5425, 0.3826, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **50.5214, 0.3887, 0.4030**, and if you desaturate by 10%, it is **57.8256, 0.3496, 0.3674**.

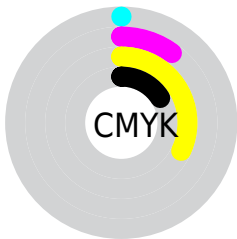
Distribution



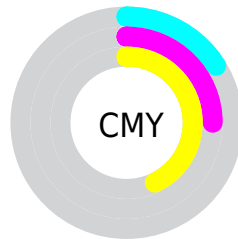
- Red (84%)
- Green (75%)
- Blue (57%)



- Red (69%)
- Yellow (84%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0397, 0.3686, 0.3854 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 54.0397, 0.3686, 0.3854 by changing the saturation by 10% instead.

 54.0397, 0.3686,
0.3854


 54.0397, 0.3686,
0.3854


402.2614, 0.3416,
0.3582

 38.6334, 0.3750,
0.3918


 96.1325, 0.3590,
0.3758

 26.4747, 0.3830,
0.3998


 123.5879, 0.3553,
0.3721

 17.1791, 0.3932,
0.4100


155.8283, 0.3522,
0.3689

 10.3622, 0.4067,
0.4233

193.2383, 0.3495,
0.3662

 5.6398, 0.4248,
0.4411

236.2022, 0.3471,
0.3638

 2.6273, 0.4586,
0.4744

285.1044, 0.3450,

 0.9404, 0.4933,

0.3617

0.5067

340.3293, 0.3432,
0.3599

0.0000, 0.0000,
0.0000

54.0397, 0.3686,
0.3854

54.0397, 0.3686,
0.3854

50.5214, 0.3887,
0.4030

57.8256, 0.3496,
0.3674

47.2544, 0.4093,
0.4193

61.8799, 0.3321,
0.3497

44.2317, 0.4298,
0.4333


66.2130, 0.3161,
0.3327


41.4427, 0.4492,
0.4439


70.8321, 0.3016,
0.3166

38.8756, 0.4664,
0.4500


75.7443, 0.2887,
0.3016

 36.5164, 0.4808,
0.4511

 79.7155, 0.2873,
0.3058

 34.8103, 0.4900,
0.4491

 83.6425, 0.2876,
0.3131

 87.7199, 0.2879,
0.3202

 91.9493, 0.2882,
0.3272

Harmonies

Analogous

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



54.0397, 0.3828, 0.3639



54.0397, 0.3686, 0.3854



54.0397, 0.3395, 0.3924

Triad

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



54.0397, 0.3686, 0.3854



54.0397, 0.2521, 0.3169



54.0397, 0.3182, 0.2847

Complementary

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



54.0397, 0.3686, 0.3854



38.4901, 0.2592, 0.2652

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.



54.0397, 0.2836, 0.2724



54.0397, 0.3686, 0.3854



54.0397, 0.2471, 0.2888

Square

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



54.0397, 0.3686, 0.3854



54.0397, 0.2726, 0.3511



54.0397, 0.2582, 0.2734



54.0397, 0.3530, 0.3072

Rectangle

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



54.0397, 0.3686, 0.3854



54.0397, 0.3161, 0.3862



54.0397, 0.2582, 0.2734



54.0397, 0.3061, 0.2793

Sweetspot

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



54.0422, 0.3686, 0.3854



93.3965, 0.3285, 0.3460



37.3678, 0.3617, 0.3010



19.7994, 0.3309, 0.3485



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.



54.0422, 0.3686, 0.3854



76.6091, 0.3829, 0.3981



62.7416, 0.3518, 0.4116



13.8224, 0.3274, 0.3448



21.2432, 0.4887, 0.4502



1.4274, 0.4738, 0.4620

Inverse Universe

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



38.4901, 0.2592, 0.2652



49.8675, 0.2462, 0.2481



32.2208, 0.2648, 0.2366



12.6473, 0.2982, 0.3126



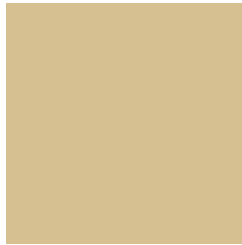
5.6073, 0.1625, 0.1051



0.4856, 0.1723, 0.1402

Previews

White Background



This preview shows how the Yxy color 54.0397, 0.3686, 0.3854 looks on a white background.

Color Contrast Check

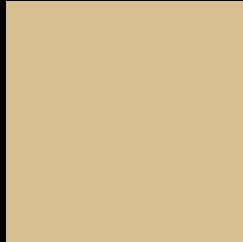
Large Text (above 18pt) WCAG AA × Fail

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 54.0397, 0.3686, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

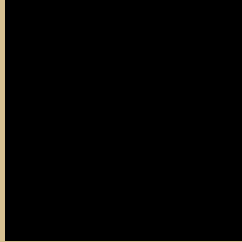
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0397, 0.3686, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 54.0397, 0.3686, 0.3854.



This preview shows how white text looks on a background with the Yxy color 54.0397, 0.3686, 0.3854.

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

54.0397, 0.3686, 0.3854

Protanopia

54.0688, 0.3619, 0.3875

Deuteranopia

53.8511, 0.3834, 0.3750



Tritanopia

54.0371, 0.3311, 0.3130

Trichromacy



Original Color

54.0397, 0.3686, 0.3854

Protanomaly

53.9169, 0.3640, 0.3860

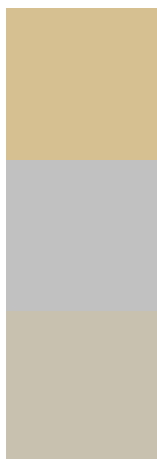
Deuteranomaly

53.8891, 0.3782, 0.3780

Tritanomaly

54.1265, 0.3454, 0.3397

Monochromacy



Original Color

54.0397, 0.3686, 0.3854

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6920, 0.3323, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0397, 0.3686, 0.3854 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(214, 192, 145)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 145)  
}
```

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(214, 192, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 145) }
```

Border

The CSS property to change the border of an element to Yxy 54.0397, 0.3686, 0.3854 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(214, 192, 145) }
```

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

```
.border{ border-color:rgb(214, 192, 145) }
```

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

Here you see how a box with a 4 pixel rgb(214, 192, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 145);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0397, 0.3686, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 145) }
```

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

```
.background{ background-color: rgb(214,  
192, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor