

Converting Colors

Yxy(54.7442, 0.3811, 0.3963)

Have a look what the booklet for
Yxy(54.7442, 0.3811, 0.3963)
contains.

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Color

Yxy(54.5086, 0.3810, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	DBC087
RGB	219, 192, 135
RGB Percent	86%, 75%, 53%
CMY	0.1413, 0.2470, 0.4706
CMYK	0.00, 0.12, 0.38, 0.14
HSL	41°, 54%, 69%
HSV	41°, 38%, 86%
XYZ	52.4306, 54.5086, 30.6740
YIQ	193.5750, 34.3890, -12.0030

Conversions

Conversions Part 2

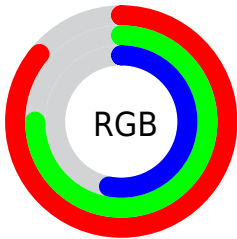
Format	Color
RYB	175, 219, 135
Decimal	14401671
CIELab	78.76, 1.63, 32.27
CIElCh	79, 32.307, 87.112
Yxy	54.5086, 0.3810, 0.3961
Android (android.graphics.Color)	4292591751 (0xFFDBC087)
YUV	193.5750, -28.8775, 22.2977
Hunter-Lab	73.8299, -2.4399, 27.0479

Details

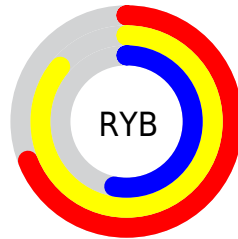
The Yxy color **54.5086, 0.3810, 0.3961** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.0868, 0.2481, 0.2508**, and the grayscale version is **53.8425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0689, 0.3536, 0.3876**, and **26.8919, 0.3988, 0.4135** is the 20% darker color. If you saturate the color by 10%, you get **50.9423, 0.4016, 0.4130**, and if you desaturate by 10%, it is **58.3543, 0.3612, 0.3783**.

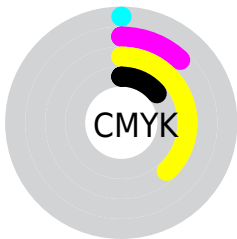
Distribution



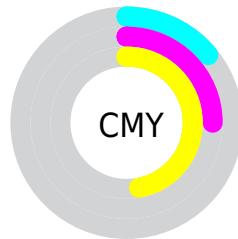
- Red (86%)
- Green (75%)
- Blue (53%)



- Red (69%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (14%)




- Cyan (14%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5086, 0.3810, 0.3961 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 54.5086, 0.3810, 0.3961 by changing the saturation by 10% instead.


 54.5086, 0.3810,
0.3961

 54.5086, 0.3810,
0.3961


404.0465, 0.3482,
0.3641

 39.0084, 0.3887,
0.4035


 96.8206, 0.3694,
0.3849

 26.7663, 0.3981,
0.4126


 124.4012, 0.3650,
0.3805

 17.3978, 0.4101,
0.4240


 156.7775, 0.3612,
0.3768

 10.5185, 0.4254,
0.4384

194.3337, 0.3579,
0.3736

 5.7441, 0.4452,
0.4568

237.4543, 0.3550,
0.3708

 2.6901, 0.4949,
0.5041

286.5237, 0.3524,

 0.9722, 0.4987,

0.3683

0.5013

341.9263, 0.3502,
0.3661

0.0000, 0.0000,
0.0000

54.5086, 0.3810,
0.3961

54.5086, 0.3810,
0.3961

50.9423, 0.4016,
0.4130

58.3543, 0.3612,
0.3783

47.6379, 0.4224,
0.4280

62.4810, 0.3427,
0.3604

44.5871, 0.4424,
0.4399


66.8998, 0.3257,
0.3430


41.7781, 0.4608,
0.4478


71.6187, 0.3103,
0.3263

39.1970, 0.4764,
0.4508


76.6456, 0.2964,
0.3107


 36.8243, 0.4889,
0.4489

 81.2333, 0.2904,
0.3075

 36.4499, 0.4909,
0.4484

 85.3204, 0.2907,
0.3148

 89.5683, 0.2909,
0.3221

 93.7968, 0.2911,
0.3289

Harmonies

Analogous

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



54.5086, 0.3979, 0.3690



54.5086, 0.3810, 0.3961



54.5086, 0.3460, 0.4064

Triad

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



54.5086, 0.3810, 0.3961



54.5086, 0.2405, 0.3151



54.5086, 0.3174, 0.2754

Complementary

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



54.5086, 0.3810, 0.3961



36.0868, 0.2481, 0.2508

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.



54.5086, 0.2761, 0.2612



54.5086, 0.3810, 0.3961



54.5086, 0.2341, 0.2809

Square

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



54.5086, 0.3810, 0.3961



54.5086, 0.2653, 0.3573



54.5086, 0.2466, 0.2625



54.5086, 0.3601, 0.3016

Rectangle

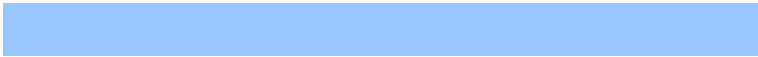
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.5086, 0.3810, 0.3961



54.5086, 0.3178, 0.3999



54.5086, 0.2466, 0.2625



54.5086, 0.3029, 0.2691

Sweetspot

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



54.5111, 0.3810, 0.3961



92.0750, 0.3319, 0.3494



35.0249, 0.3751, 0.2954



19.5312, 0.3341, 0.3517



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.



54.5111, 0.3810, 0.3961



72.8885, 0.3975, 0.4098



65.3771, 0.3589, 0.4276



14.5223, 0.3275, 0.3448



21.8237, 0.4896, 0.4495



1.5671, 0.4753, 0.4608

Inverse Universe

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



36.0868, 0.2481, 0.2508



43.3972, 0.2335, 0.2309



28.8259, 0.2536, 0.2160



13.2962, 0.2981, 0.3127



5.8289, 0.1627, 0.1056



0.5307, 0.1718, 0.1385

Previews

White Background



This preview shows how the Yxy color 54.5086, 0.3810, 0.3961 looks on a white background.

Color Contrast Check

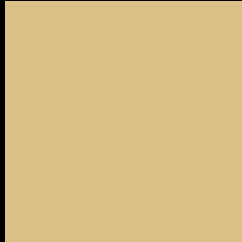
Large Text (above 18pt) WCAG AA × Fail

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 54.5086, 0.3810, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

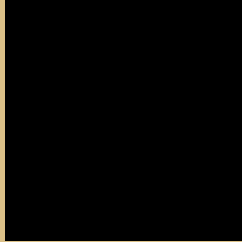
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5086, 0.3810, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 54.5086, 0.3810, 0.3961.



This preview shows how white text looks on a background with the Yxy color 54.5086, 0.3810, 0.3961.

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

54.5086, 0.3810, 0.3961

Protanopia

54.6567, 0.3719, 0.4000

Deuteranopia

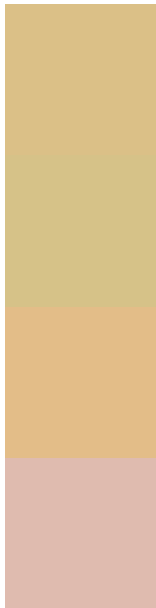
54.4740, 0.3940, 0.3868



Tritanopia

54.5269, 0.3372, 0.3132

Trichromacy



Original Color

54.5086, 0.3810, 0.3961

Protanomaly

54.6573, 0.3750, 0.3982

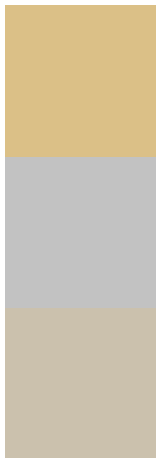
Deuteranomaly

54.5037, 0.3886, 0.3899

Tritanomaly

54.3238, 0.3532, 0.3430

Monochromacy



Original Color

54.5086, 0.3810, 0.3961

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8536, 0.3364, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5086, 0.3810, 0.3961 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(219, 192, 135)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 135)  
}
```

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(219, 192, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 135) }
```

Border

The CSS property to change the border of an element to Yxy 54.5086, 0.3810, 0.3961 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(219, 192, 135) }
```

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

```
.border{ border-color:rgb(219, 192, 135) }
```

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

Here you see how a box with a 4 pixel rgb(219, 192, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 135);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5086, 0.3810, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 135) }
```

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

```
.background{ background-color: rgb(219,  
192, 135) }
```

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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