

Converting Colors

$Yxy(54.7890, 0.3885, 0.4025)$

Have a look what the booklet for
Yxy(54.7890, 0.3885, 0.4025)
contains.

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Color

Yxy(54.8138, 0.3884, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	DEC081
RGB	222, 192, 129
RGB Percent	87%, 75%, 51%
CMY	0.1292, 0.2471, 0.4941
CMYK	0.00, 0.14, 0.42, 0.13
HSL	41°, 59%, 69%
HSV	41°, 42%, 87%
XYZ	52.9462, 54.8138, 28.5588
YIQ	193.7880, 38.1030, -13.2330

Conversions

Conversions Part 2

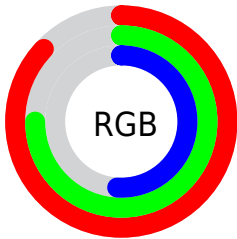
Format	Color
R _Y B	173, 222, 129
Decimal	14598273
CIE Lab	78.93, 2.21, 35.66
CIE LCh	79, 35.724, 86.459
Yxy	54.8138, 0.3884, 0.4021
Android (android.graphics.Color)	4292788353 (0xFFDEC081)
YUV	193.7880, -31.9405, 24.7419
Hunter-Lab	74.0363, -1.9114, 28.9549

Details

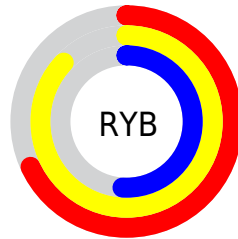
The Yxy color **54.8138, 0.3884, 0.4021** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.7594, 0.2416, 0.2423**, and the grayscale version is **53.9961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8137, 0.3573, 0.3935**, and **27.0291, 0.4061, 0.4195** is the 20% darker color. If you saturate the color by 10%, you get **51.2154, 0.4092, 0.4184**, and if you desaturate by 10%, it is **58.6991, 0.3682, 0.3846**.

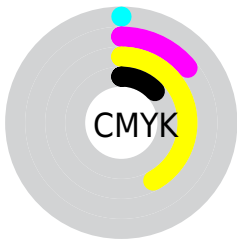
Distribution



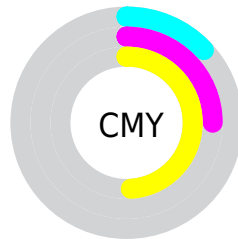
- Red (87%)
- Green (75%)
- Blue (51%)



- Red (68%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8138, 0.3884, 0.4021 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 54.8138, 0.3884, 0.4021 by changing the saturation by 10% instead.


 54.8138, 0.3884,
0.4021


 54.8138, 0.3884,
0.4021


405.2057, 0.3522,
0.3675


 39.2527, 0.3968,
0.4100


 97.2681, 0.3757,
0.3901

 26.9563, 0.4070,
0.4196


 124.9300, 0.3708,
0.3854

 17.5404, 0.4199,
0.4314


 157.3944, 0.3666,
0.3813

 10.6206, 0.4360,
0.4462

195.0455, 0.3629,
0.3778

 5.8123, 0.4564,
0.4641

238.2678, 0.3597,
0.3748

 2.7313, 0.4982,
0.5018

287.4457, 0.3569,

 0.9931, 0.5025,

0.3720

0.4975

342.9635, 0.3544,
0.3696

0.0000, 0.0000,
0.0000

54.8138, 0.3884,
0.4021

54.8138, 0.3884,
0.4021

51.2154, 0.4092,
0.4184

58.6991, 0.3682,
0.3846

47.8857, 0.4299,
0.4324

62.8735, 0.3492,
0.3667

44.8156, 0.4496,
0.4430

67.3485, 0.3316,
0.3490

41.9921, 0.4671,
0.4491

72.1328, 0.3156,
0.3321

39.4000, 0.4817,
0.4502

77.2345, 0.3012,
0.3162

■ 37.4514, 0.4915,
0.4479

■ 82.1869, 0.2924,
0.3084

■ 86.3777, 0.2926,
0.3159

■ 90.7361, 0.2928,
0.3232

■ 94.2765, 0.2929,
0.3289

Harmonies

Analogous

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



54.8138, 0.4068, 0.3716



54.8138, 0.3884, 0.4021



54.8138, 0.3500, 0.4148

Triad

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



54.8138, 0.3884, 0.4021



54.8138, 0.2339, 0.3142



54.8138, 0.3167, 0.2699

Complementary

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



54.8138, 0.3884, 0.4021



34.7594, 0.2416, 0.2423

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.



54.8138, 0.2715, 0.2547



54.8138, 0.3884, 0.4021



54.8138, 0.2265, 0.2765

Square

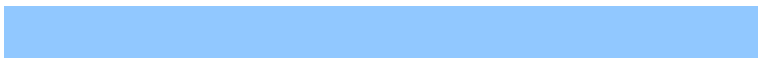
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.8138, 0.3884, 0.4021



54.8138, 0.2612, 0.3612



54.8138, 0.2397, 0.2563



54.8138, 0.3640, 0.2981

Rectangle

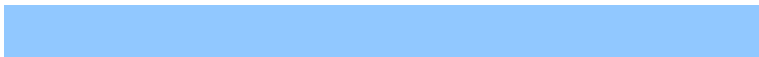
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8138, 0.3884, 0.4021



54.8138, 0.3190, 0.4083



54.8138, 0.2397, 0.2563



54.8138, 0.3007, 0.2632

Sweetspot

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



54.8164, 0.3884, 0.4021



91.4031, 0.3336, 0.3511



33.7764, 0.3837, 0.2923



19.2672, 0.3374, 0.3550



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.



54.8164, 0.3884, 0.4021



70.8051, 0.4061, 0.4161



67.0495, 0.3628, 0.4367



15.2441, 0.3275, 0.3448



22.4454, 0.4902, 0.4490



1.7160, 0.4766, 0.4598

Inverse Universe

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



34.7594, 0.2416, 0.2423



40.0292, 0.2263, 0.2209



26.9529, 0.2468, 0.2039



13.9626, 0.2981, 0.3127



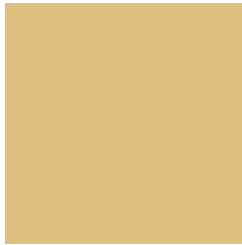
6.0425, 0.1628, 0.1059



0.5774, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 54.8138, 0.3884, 0.4021 looks on a white background.

Color Contrast Check

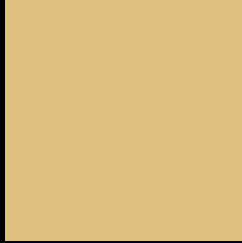
Large Text (above 18pt) WCAG AA × Fail

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 54.8138, 0.3884, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

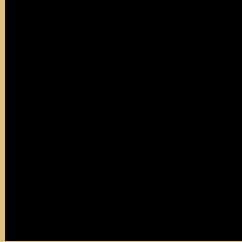
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8138, 0.3884, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 54.8138, 0.3884, 0.4021.



This preview shows how white text looks on a background with the Yxy color 54.8138, 0.3884, 0.4021.

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

54.8138, 0.3884, 0.4021

Protanopia

54.6390, 0.3774, 0.4068

Deuteranopia

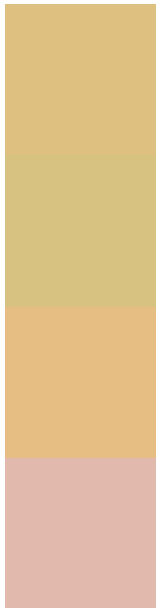
54.8145, 0.4015, 0.3926



Tritanopia

54.6022, 0.3399, 0.3122

Trichromacy



Original Color

54.8138, 0.3884, 0.4021

Protanomaly

54.7942, 0.3814, 0.4047

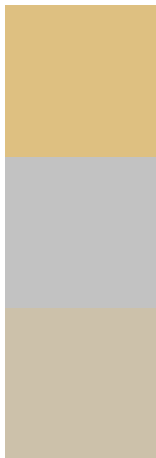
Deuteranomaly

54.8299, 0.3961, 0.3959

Tritanomaly

54.3037, 0.3578, 0.3441

Monochromacy



Original Color

54.8138, 0.3884, 0.4021

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8796, 0.3396, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8138, 0.3884, 0.4021 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(222, 192, 129)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 129)  
}
```

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(222, 192, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 129) }
```

Border

The CSS property to change the border of an element to Yxy 54.8138, 0.3884, 0.4021 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(222, 192, 129) }
```

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

```
.border{ border-color:rgb(222, 192, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 192, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 192, 129); box-shadow:4px 4px 4px 4px rgb(222, 192, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8138, 0.3884, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 129) }
```

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

```
.background{ background-color: rgb(222,  
192, 129) }
```

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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