

Converting Colors

Yxy(54.5272, 0.3819, 0.4048)

Have a look what the booklet for
Yxy(54.5272, 0.3819, 0.4048)
contains.

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Color

Yxy(54.3238, 0.3826, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	D8C181
RGB	216, 193, 129
RGB Percent	85%, 76%, 51%
CMY	0.1528, 0.2432, 0.4941
CMYK	0.00, 0.11, 0.40, 0.15
HSL	44°, 53%, 68%
HSV	44°, 40%, 85%
XYZ	51.3573, 54.3238, 28.5512
YIQ	192.5810, 34.2520, -15.0280

Conversions

Conversions Part 2

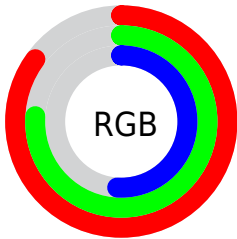
Format	Color
RYB	160, 216, 129
Decimal	14205313
CIELab	78.65, -0.73, 35.18
CIELCh	79, 35.185, 91.185
Yxy	54.3238, 0.3826, 0.4047
Android (android.graphics.Color)	4292395393 (0xFFD8C181)
YUV	192.5810, -31.3454, 20.5385
Hunter-Lab	73.7047, -4.6048, 28.6259

Details

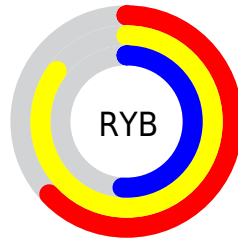
The Yxy color **54.3238, 0.3826, 0.4047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0969, 0.2435, 0.2391**, and the grayscale version is **53.2452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4303, 0.3570, 0.3945**, and **26.7943, 0.3994, 0.4232** is the 20% darker color. If you saturate the color by 10%, you get **51.3321, 0.4018, 0.4224**, and if you desaturate by 10%, it is **57.5397, 0.3637, 0.3858**.

Distribution



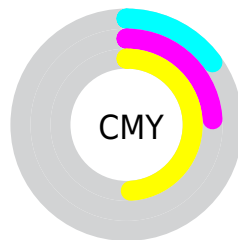
- Red (85%)
- Green (76%)
- Blue (51%)



- Red (63%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3238, 0.3826, 0.4047 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 54.3238, 0.3826, 0.4047 by changing the saturation by 10% instead.


 54.3238, 0.3826,
0.4047


 54.3238, 0.3826,
0.4047


403.3436, 0.3492,
0.3684

 38.8606, 0.3903,
0.4131


 96.5495, 0.3709,
0.3920

 26.6513, 0.3997,
0.4234


 124.0808, 0.3664,
0.3871

 17.3115, 0.4114,
0.4363


 156.4036, 0.3625,
0.3829

 10.4568, 0.4262,
0.4526

193.9022, 0.3592,
0.3792

 5.7029, 0.4445,
0.4730

236.9612, 0.3562,
0.3760

 2.6653, 0.4836,
0.5164

285.9648, 0.3536,

 0.9596, 0.4822,

0.3732

0.5178

341.2974, 0.3513,
0.3707

0.0000, 0.0000,
0.0000

54.3238, 0.3826,
0.4047

54.3238, 0.3826,
0.4047

51.3321, 0.4018,
0.4224

57.5397, 0.3637,
0.3858

48.5482, 0.4207,
0.4379

60.9804, 0.3456,
0.3666

45.9650, 0.4383,
0.4501

64.6559, 0.3287,
0.3477

43.5715, 0.4537,
0.4581

68.5734, 0.3131,
0.3295

41.3549, 0.4664,
0.4613

72.7395, 0.2990,
0.3124

■ 39.3483, 0.4760,
0.4602

■ 76.9249, 0.2883,
0.3000

■ 80.1100, 0.2886,
0.3061

■ 83.4001, 0.2888,
0.3121

■ 86.7959, 0.2890,
0.3181

Harmonies

Analogous

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



54.3238, 0.4045, 0.3767



54.3238, 0.3826, 0.4047



54.3238, 0.3425, 0.4133

Triad

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



54.3238, 0.3826, 0.4047



54.3238, 0.2323, 0.3076



54.3238, 0.3242, 0.2742

Complementary

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



54.3238, 0.3826, 0.4047



32.0969, 0.2435, 0.2391

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.



54.3238, 0.2783, 0.2569



54.3238, 0.3826, 0.4047



54.3238, 0.2282, 0.2727

Square

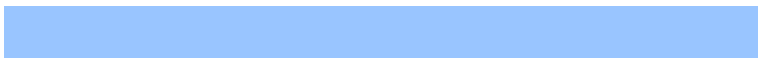
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.3238, 0.3826, 0.4047



54.3238, 0.2564, 0.3535



54.3238, 0.2443, 0.2557



54.3238, 0.3700, 0.3037

Rectangle

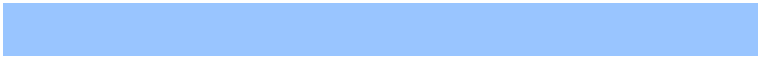
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3238, 0.3826, 0.4047



54.3238, 0.3116, 0.4039



54.3238, 0.2443, 0.2557



54.3238, 0.3082, 0.2668

Sweetspot

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



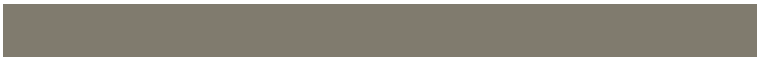
54.3263, 0.3826, 0.4047



93.1249, 0.3317, 0.3511



32.5805, 0.3865, 0.3008



19.7791, 0.3339, 0.3536



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.



54.3263, 0.3826, 0.4047



75.5076, 0.3983, 0.4193



62.4081, 0.3563, 0.4342



13.9379, 0.3273, 0.3461



23.4693, 0.4750, 0.4611



1.5476, 0.4633, 0.4704

Inverse Universe

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



32.0969, 0.2435, 0.2391



39.0821, 0.2282, 0.2169



27.0822, 0.2549, 0.2111



12.5379, 0.2982, 0.3113



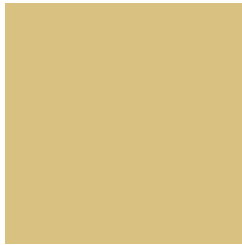
4.8279, 0.1591, 0.0927



0.4273, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 54.3238, 0.3826, 0.4047 looks on a white background.

Color Contrast Check

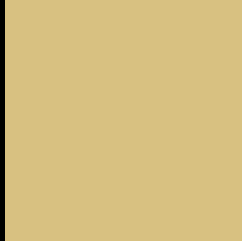
Large Text (above 18pt) WCAG AA × Fail

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 54.3238, 0.3826, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

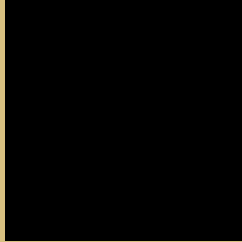
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3238, 0.3826, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 54.3238, 0.3826, 0.4047.



This preview shows how white text looks on a background with the Yxy color 54.3238, 0.3826, 0.4047.

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

54.3238, 0.3826, 0.4047

Protanopia

54.4908, 0.3765, 0.4070

Deuteranopia

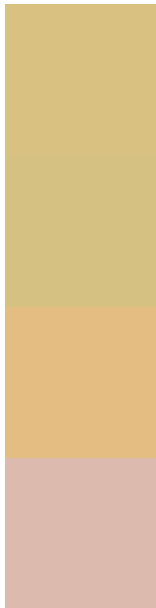
54.0532, 0.4003, 0.3920



Tritanopia

54.0925, 0.3338, 0.3120

Trichromacy



Original Color

54.3238, 0.3826, 0.4047

Protanomaly

54.3414, 0.3787, 0.4054

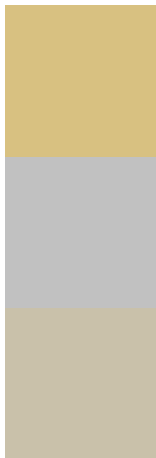
Deuteranomaly

54.3378, 0.3934, 0.3966

Tritanomaly

53.8123, 0.3515, 0.3443

Monochromacy



Original Color

54.3238, 0.3826, 0.4047

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4597, 0.3371, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3238, 0.3826, 0.4047 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(216, 193, 129)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 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(216, 193, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 129) }
```

Border

The CSS property to change the border of an element to Yxy 54.3238, 0.3826, 0.4047 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(216, 193, 129) }
```

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

```
.border{ border-color:rgb(216, 193, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 129);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3238, 0.3826, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 129) }
```

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

```
.background{ background-color: rgb(216,  
193, 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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