

Converting Colors

$Yxy(53.6746, 0.3798, 0.4102)$

Have a look what the booklet for
Yxy(53.6746, 0.3798, 0.4102)
contains.

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Color

Yxy(53.9388, 0.3800, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	D3C27E
RGB	211, 194, 126
RGB Percent	83%, 76%, 49%
CMY	0.1726, 0.2392, 0.5060
CMYK	0.00, 0.08, 0.40, 0.17
HSL	48°, 49%, 66%
HSV	48°, 40%, 83%
XYZ	49.9190, 53.9388, 27.5080
YIQ	191.3310, 31.9600, -17.5440

Conversions

Conversions Part 2

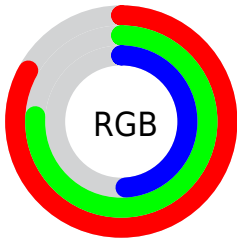
Format	Color
RYB	147, 211, 126
Decimal	13877886
CIELab	78.43, -3.60, 36.37
CIELCh	78, 36.547, 95.652
Yxy	53.9388, 0.3800, 0.4106
Android (android.graphics.Color)	4292067966 (0xFFD3C27E)
YUV	191.3310, -32.2082, 17.2497
Hunter-Lab	73.4430, -7.1994, 29.2031

Details

The Yxy color **53.9388, 0.3800, 0.4106** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.7681, 0.2423, 0.2310**, and the grayscale version is **52.4788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8859, 0.3592, 0.3993**, and **26.5401, 0.3955, 0.4311** is the 20% darker color. If you saturate the color by 10%, you get **51.6030, 0.3976, 0.4295**, and if you desaturate by 10%, it is **56.4477, 0.3623, 0.3904**.

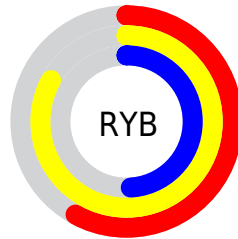
Distribution



Red (83%)

Green (76%)

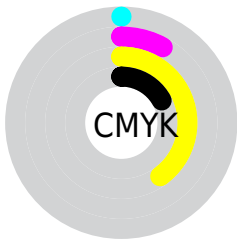
Blue (49%)



Red (58%)

Yellow (83%)

Blue (49%)

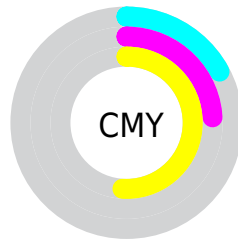


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9388, 0.3800, 0.4106 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 53.9388, 0.3800, 0.4106 by changing the saturation by 10% instead.


 53.9388, 0.3800,
0.4106

 53.9388, 0.3800,
0.4106


401.8766, 0.3480,
0.3712

 38.5527, 0.3873,
0.4198

 95.9844, 0.3689,
0.3967

 26.4120, 0.3961,
0.4311


 123.4127, 0.3646,
0.3914

 17.1321, 0.4071,
0.4454


 155.6239, 0.3608,
0.3868

 10.3287, 0.4206,
0.4635

193.0023, 0.3576,
0.3828

 5.6174, 0.4369,
0.4866

235.9324, 0.3548,
0.3794

 2.6139, 0.4689,
0.5311

284.7986, 0.3523,

 0.9337, 0.4611,

0.3763

0.5389

339.9852, 0.3500,
0.3736

0.0000, 0.0000,
0.0000

53.9388, 0.3800,
0.4106

53.9388, 0.3800,
0.4106

51.6030, 0.3976,
0.4295

56.4477, 0.3623,
0.3904

49.4251, 0.4144,
0.4460

59.1292, 0.3450,
0.3697

47.3990, 0.4297,
0.4592


61.9925, 0.3285,
0.3493


45.5150, 0.4426,
0.4682


65.0437, 0.3132,
0.3296

43.7616, 0.4527,
0.4726


68.2885, 0.2990,
0.3109

 42.1655, 0.4601,
0.4729

 71.7325, 0.2862,
0.2935

 74.1196, 0.2849,
0.2956

 76.4072, 0.2852,
0.3002

 78.7513, 0.2854,
0.3047

Harmonies

Analogous

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



53.9388, 0.4064, 0.3834



53.9388, 0.3800, 0.4106



53.9388, 0.3365, 0.4160

Triad

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



53.9388, 0.3800, 0.4106



53.9388, 0.2273, 0.3001



53.9388, 0.3321, 0.2760

Complementary

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



53.9388, 0.3800, 0.4106



28.7681, 0.2423, 0.2310

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.



53.9388, 0.2835, 0.2559



53.9388, 0.3800, 0.4106



53.9388, 0.2262, 0.2666

Square

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



53.9388, 0.3800, 0.4106



53.9388, 0.2492, 0.3472



53.9388, 0.2458, 0.2519



53.9388, 0.3784, 0.3080

Rectangle

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



53.9388, 0.3800, 0.4106



53.9388, 0.3042, 0.4033



53.9388, 0.2458, 0.2519



53.9388, 0.3154, 0.2677

Sweetspot

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



53.9413, 0.3800, 0.4106



94.3449, 0.3314, 0.3530



30.7446, 0.3933, 0.3079



20.0674, 0.3336, 0.3557



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.



53.9413, 0.3800, 0.4106



79.8409, 0.3945, 0.4263



58.4668, 0.3516, 0.4357



13.3796, 0.3271, 0.3475



25.5957, 0.4593, 0.4735



1.5356, 0.4507, 0.4804

Inverse Universe

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



28.7681, 0.2423, 0.2310



36.3060, 0.2263, 0.2068



26.2420, 0.2600, 0.2128



11.7947, 0.2982, 0.3098



3.9610, 0.1557, 0.0806



0.3356, 0.1651, 0.1142

Previews

White Background



This preview shows how the Yxy color 53.9388, 0.3800, 0.4106 looks on a white background.

Color Contrast Check

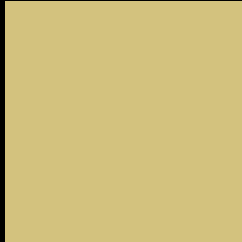
Large Text (above 18pt) WCAG AA × Fail

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 53.9388, 0.3800, 0.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

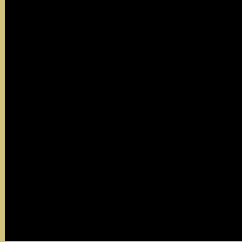
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9388, 0.3800, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 53.9388, 0.3800, 0.4106.

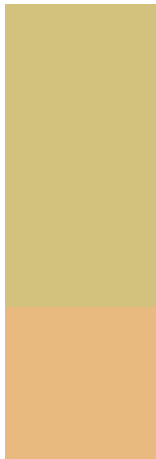


This preview shows how white text looks on a background with the Yxy color 53.9388, 0.3800, 0.4106.

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

53.9388, 0.3800, 0.4106

Protanopia

53.9388, 0.3800, 0.4106

Deuteranopia

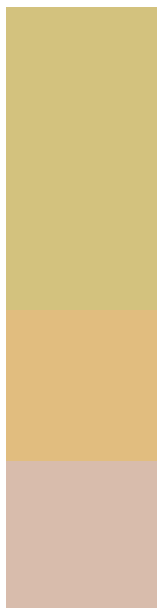
54.0000, 0.4019, 0.3942



Tritanopia

53.8815, 0.3303, 0.3129

Trichromacy



Original Color

53.9388, 0.3800, 0.4106

Protanomaly

53.9388, 0.3800, 0.4106

Deuteranomaly

53.9350, 0.3940, 0.4004

Tritanomaly

53.5439, 0.3494, 0.3481

Monochromacy



Original Color

53.9388, 0.3800, 0.4106

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.4951, 0.3371, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9388, 0.3800, 0.4106 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, 194, 126)` looks like.

```
.text, #text, p{  
    color:rgb(211, 194, 126)  
}
```

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, 194, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 194, 126) }
```

Border

The CSS property to change the border of an element to Yxy 53.9388, 0.3800, 0.4106 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, 194, 126) }
```

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

```
.border{ border-color:rgb(211, 194, 126) }
```

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

Here you see how a box with a 4 pixel rgb(211, 194, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 194, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 194, 126);  
box-shadow:4px 4px 4px 4px rgb(211, 194,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9388, 0.3800, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 194, 126) }
```

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

```
.background{ background-color: rgb(211,  
194, 126) }
```

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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