

Converting Colors

$Yxy(53.6155, 0.3871, 0.4197)$

Have a look what the booklet for
Yxy(53.6155, 0.3871, 0.4197)
contains.

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Color

Yxy(53.8650, 0.3875, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	D4C275
RGB	212, 194, 117
RGB Percent	83%, 76%, 46%
CMY	0.1687, 0.2392, 0.5411
CMYK	0.00, 0.08, 0.45, 0.17
HSL	49°, 52%, 65%
HSV	49°, 45%, 83%
XYZ	49.6496, 53.8650, 24.6134
YIQ	190.6040, 35.4450, -20.1310

Conversions

Conversions Part 2

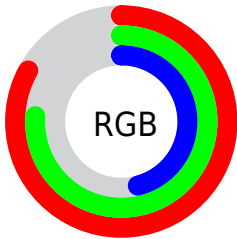
Format	Color
RYB	139, 212, 117
Decimal	13943413
CIELab	78.38, -4.14, 40.90
CIELCh	78, 41.105, 95.782
Yxy	53.8650, 0.3875, 0.4204
Android (android.graphics.Color)	4292133493 (0xFFD4C275)
YUV	190.6040, -36.2868, 18.7643
Hunter-Lab	73.3928, -7.6836, 31.4911

Details

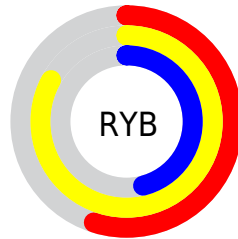
The Yxy color **53.8650, 0.3875, 0.4204** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.8568, 0.2332, 0.2163**, and the grayscale version is **52.0581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5335, 0.3646, 0.4081**, and **26.5229, 0.4047, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **51.6629, 0.4046, 0.4385**, and if you desaturate by 10%, it is **56.2332, 0.3699, 0.4005**.

Distribution



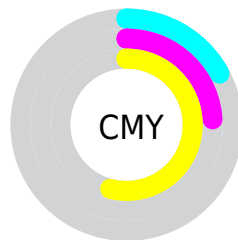
- Red (83%)
- Green (76%)
- Blue (46%)



- Red (55%)
- Yellow (83%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (17%)




- Cyan (17%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8650, 0.3875, 0.4204 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 53.8650, 0.3875, 0.4204 by changing the saturation by 10% instead.


 53.8650, 0.3875,
0.4204

 53.8650, 0.3875,
0.4204

401.5950, 0.3523,
0.3765


 38.4937, 0.3954,
0.4305


 95.8760, 0.3754,
0.4050

 26.3661, 0.4048,
0.4428


 123.2845, 0.3706,
0.3991

 17.0977, 0.4162,
0.4581


 155.4743, 0.3665,
0.3940

 10.3042, 0.4298,
0.4771

192.8296, 0.3629,
0.3895

 5.6011, 0.4472,
0.5024

235.7350, 0.3598,
0.3857

 2.6041, 0.4661,
0.5339

284.5747, 0.3570,

 0.9287, 0.4568,

0.3822

0.5432

339.7333, 0.3545,
0.3792

0.0000, 0.0000,
0.0000

53.8650, 0.3875,
0.4204

53.8650, 0.3875,
0.4204

51.6629, 0.4046,
0.4385

56.2332, 0.3699,
0.4005

49.6113, 0.4204,
0.4538

58.7673, 0.3525,
0.3797

47.7035, 0.4343,
0.4654


61.4766, 0.3357,
0.3588

45.9293, 0.4456,
0.4724

64.3675, 0.3199,
0.3385

44.2758, 0.4540,
0.4748


67.4459, 0.3052,
0.3190

 43.4521, 0.4576,
0.4749

 70.7174, 0.2918,
0.3008

 73.4995, 0.2855,
0.2941

 75.6560, 0.2857,
0.2985

 77.8636, 0.2859,
0.3028

Harmonies

Analogous

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



53.8650, 0.4178, 0.3891



53.8650, 0.3875, 0.4204



53.8650, 0.3385, 0.4275

Triad

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



53.8650, 0.3875, 0.4204



53.8650, 0.2175, 0.2957



53.8650, 0.3345, 0.2701

Complementary

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



53.8650, 0.3875, 0.4204



25.8568, 0.2332, 0.2163

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.



53.8650, 0.2799, 0.2479



53.8650, 0.3875, 0.4204



53.8650, 0.2166, 0.2587

Square

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



53.8650, 0.3875, 0.4204



53.8650, 0.2414, 0.3489



53.8650, 0.2382, 0.2431



53.8650, 0.3869, 0.3054

Rectangle

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



53.8650, 0.3875, 0.4204



53.8650, 0.3024, 0.4134



53.8650, 0.2382, 0.2431



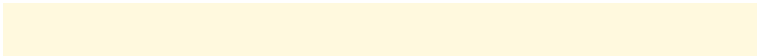
53.8650, 0.3156, 0.2610

Sweetspot

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



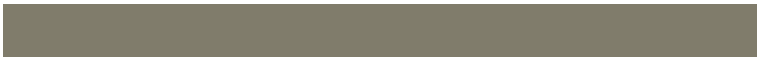
53.8675, 0.3875, 0.4204



94.1100, 0.3330, 0.3554



28.4971, 0.4070, 0.3056



19.9397, 0.3367, 0.3600



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.



53.8675, 0.3875, 0.4204



78.5635, 0.4042, 0.4382



58.4870, 0.3553, 0.4480



14.1020, 0.3271, 0.3478



26.9709, 0.4570, 0.4754



1.7321, 0.4493, 0.4814

Inverse Universe

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



25.8568, 0.2332, 0.2163



30.7723, 0.2143, 0.1868



23.5436, 0.2526, 0.1982



12.3851, 0.2982, 0.3095



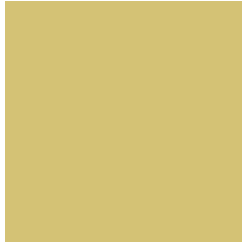
3.9848, 0.1552, 0.0787



0.3550, 0.1637, 0.1094

Previews

White Background



This preview shows how the Yxy color 53.8650, 0.3875, 0.4204 looks on a white background.

Color Contrast Check

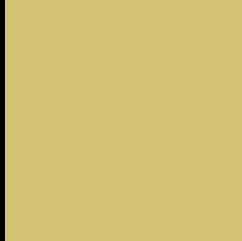
Large Text (above 18pt) WCAG AA × Fail

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 53.8650, 0.3875, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

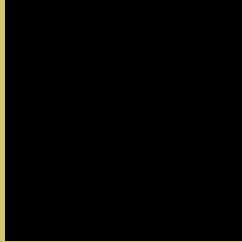
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8650, 0.3875, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 53.8650, 0.3875, 0.4204.



This preview shows how white text looks on a background with the Yxy color 53.8650, 0.3875, 0.4204.

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

53.8650, 0.3875, 0.4204

Protanopia

53.8650, 0.3875, 0.4204

Deuteranopia

53.6920, 0.4114, 0.4020



Tritanopia

53.6201, 0.3313, 0.3118

Trichromacy



Original Color

53.8650, 0.3875, 0.4204

Protanomaly

53.8650, 0.3875, 0.4204

Deuteranomaly

53.6053, 0.4033, 0.4085

Tritanomaly

53.5827, 0.3528, 0.3516

Monochromacy



Original Color

53.8650, 0.3875, 0.4204

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5217, 0.3403, 0.3640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8650, 0.3875, 0.4204 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(212, 194, 117)` looks like.

```
.text, #text, p{  
    color:rgb(212, 194, 117)  
}
```

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(212, 194, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 194, 117) }
```

Border

The CSS property to change the border of an element to Yxy 53.8650, 0.3875, 0.4204 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(212, 194, 117) }
```

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

```
.border{ border-color:rgb(212, 194, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 194, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 194, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 194, 117); box-shadow:4px 4px 4px 4px rgb(212, 194, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8650, 0.3875, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 194, 117) }
```

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

```
.background{ background-color: rgb(212,  
194, 117) }
```

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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