

Converting Colors

$Yxy(63.8851, 0.3785, 0.4025)$

Have a look what the booklet for
Yxy(63.8851, 0.3785, 0.4025)
contains.

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Color

Yxy(63.8877, 0.3785, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	E6D08E
RGB	230, 208, 142
RGB Percent	90%, 82%, 56%
CMY	0.0979, 0.1843, 0.4431
CMYK	0.00, 0.10, 0.38, 0.10
HSL	45°, 64%, 73%
HSV	45°, 38%, 90%
XYZ	60.0782, 63.8877, 34.7613
YIQ	207.0540, 34.2980, -15.8620

Conversions

Conversions Part 2

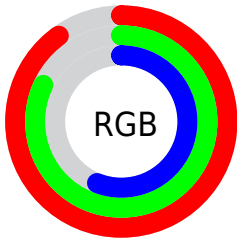
Format	Color
R_{YB}	171, 230, 142
Decimal	15126670
CIE _{Lab}	83.91, -1.53, 35.56
CIE _{LCh}	84, 35.595, 92.464
Yxy	63.8877, 0.3785, 0.4025
Android (android.graphics.Color)	4293316750 (0xFFE6D08E)
YUV	207.0540, -32.0716, 20.1236
Hunter-Lab	79.9298, -5.7098, 30.1658

Details

The Yxy color **63.8877, 0.3785, 0.4025** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0332, 0.2468, 0.2423**, and the grayscale version is **62.6315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **32.7508, 0.3931, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **60.5127, 0.3975, 0.4209**, and if you desaturate by 10%, it is **67.5131, 0.3599, 0.3831**.

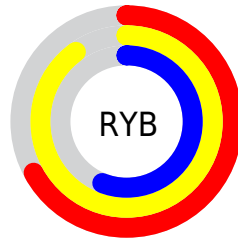
Distribution



Red (90%)

Green (82%)

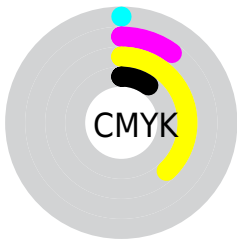
Blue (56%)



Red (67%)

Yellow (90%)

Blue (56%)

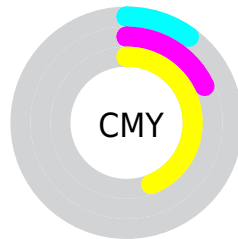


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8877, 0.3785, 0.4025 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 63.8877, 0.3785, 0.4025 by changing the saturation by 10% instead.

 63.8877, 0.3785,
0.4025


 63.8877, 0.3785,
0.4025

438.7840, 0.3479,
0.3681

 46.5597, 0.3853,
0.4103


 110.4492, 0.3680,
0.3906

 32.6877, 0.3937,
0.4197


 140.4515, 0.3639,
0.3860

 21.8873, 0.4039,
0.4315


175.4474, 0.3603,
0.3820

 13.7741, 0.4167,
0.4463

215.8212, 0.3572,
0.3785

 7.9637, 0.4327,
0.4651

261.9574, 0.3545,
0.3754

 4.0718, 0.4575,
0.4944

314.2403, 0.3520,

 1.7138, 0.4784,

0.3727

373.0544, 0.3499,
0.3703

0.5216

0.4326, 0.4635,
0.5365

0.0000, 0.0000,
0.0000

63.8877, 0.3785,
0.4025

63.8877, 0.3785,
0.4025

60.5127, 0.3975,
0.4209

67.5131, 0.3599,
0.3831

57.3693, 0.4161,
0.4371

71.3892, 0.3421,
0.3635

54.4497, 0.4335,
0.4503

75.5274, 0.3255,
0.3443

51.7415, 0.4489,
0.4593

79.9357, 0.3102,
0.3259

■ 49.2304, 0.4615,
0.4636

■ 84.4904, 0.2974,
0.3106

■ 46.8966, 0.4711,
0.4632

■ 87.8741, 0.2975,
0.3164

■ 46.5041, 0.4726,
0.4629

■ 91.3658, 0.2975,
0.3223

■ 94.9664, 0.2976,
0.3280

■ 95.5672, 0.2976,
0.3290

Harmonies

Analogous

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



63.8877, 0.4003, 0.3764



63.8877, 0.3785, 0.4025



63.8877, 0.3396, 0.4094

Triad

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



63.8877, 0.3785, 0.4025



63.8877, 0.2349, 0.3069



63.8877, 0.3258, 0.2773

Complementary

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



63.8877, 0.3785, 0.4025



38.0332, 0.2468, 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.



63.8877, 0.2815, 0.2600



63.8877, 0.3785, 0.4025



63.8877, 0.2317, 0.2740

Square

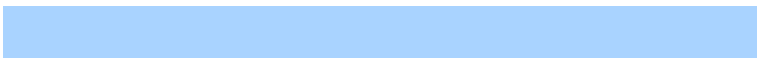
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.8877, 0.3785, 0.4025



63.8877, 0.2573, 0.3506



63.8877, 0.2481, 0.2582



63.8877, 0.3692, 0.3062

Rectangle

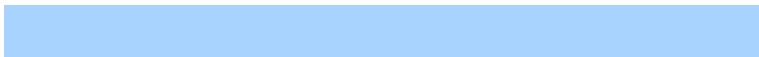
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.8877, 0.3785, 0.4025



63.8877, 0.3099, 0.3996



63.8877, 0.2481, 0.2582



63.8877, 0.3105, 0.2700

Sweetspot

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



63.8906, 0.3785, 0.4025



93.9253, 0.3300, 0.3496



38.9118, 0.3816, 0.3021



19.9498, 0.3322, 0.3522



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.



63.8906, 0.3785, 0.4025



77.2835, 0.3937, 0.4173



72.1879, 0.3545, 0.4292



16.1741, 0.3274, 0.3465



26.5253, 0.4716, 0.4637



2.1051, 0.4623, 0.4711

Inverse Universe

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



38.0332, 0.2468, 0.2423



40.2571, 0.2316, 0.2203



32.8041, 0.2582, 0.2173



14.4703, 0.2980, 0.3108



5.0868, 0.1581, 0.0893



0.5209, 0.1658, 0.1170

Previews

White Background



This preview shows how the Yxy color 63.8877, 0.3785, 0.4025 looks on a white background.

Color Contrast Check

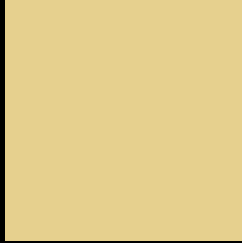
Large Text (above 18pt) WCAG AA × Fail

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 63.8877, 0.3785, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

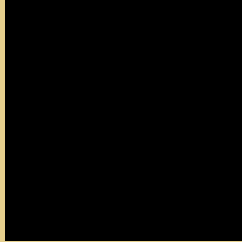
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8877, 0.3785, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 63.8877, 0.3785, 0.4025.

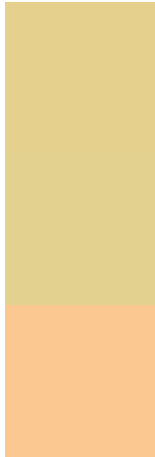


This preview shows how white text looks on a background with the Yxy color 63.8877, 0.3785, 0.4025.

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

63.8877, 0.3785, 0.4025

Protanopia

63.9150, 0.3749, 0.4031

Deuteranopia

63.6462, 0.3970, 0.3881



Tritanopia

63.8790, 0.3323, 0.3130

Trichromacy



Original Color

63.8877, 0.3785, 0.4025

Protanomaly

64.0781, 0.3757, 0.4029

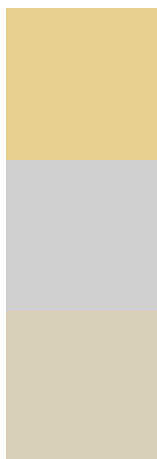
Deuteranomaly

63.7497, 0.3906, 0.3936

Tritanomaly

63.5341, 0.3495, 0.3445

Monochromacy



Original Color

63.8877, 0.3785, 0.4025

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4916, 0.3362, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8877, 0.3785, 0.4025 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(230, 208, 142)` looks like.

```
.text, #text, p{  
    color:rgb(230, 208, 142)  
}
```

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(230, 208, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 208, 142) }
```

Border

The CSS property to change the border of an element to Yxy 63.8877, 0.3785, 0.4025 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(230, 208, 142) }
```

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

```
.border{ border-color:rgb(230, 208, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 208, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 208, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 208, 142);  
box-shadow:4px 4px 4px 4px rgb(230, 208,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8877, 0.3785, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 208, 142) }
```

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

```
.background{ background-color: rgb(230,  
208, 142) }
```

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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