

Converting Colors

Yxy(62.9785, 0.3848, 0.4034)

Have a look what the booklet for
Yxy(62.9785, 0.3848, 0.4034)
contains.

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Color

Yxy(62.8213, 0.3851, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	E9CD8A
RGB	233, 205, 138
RGB Percent	91%, 80%, 54%
CMY	0.0864, 0.1960, 0.4588
CMYK	0.00, 0.12, 0.41, 0.09
HSL	42°, 68%, 73%
HSV	42°, 41%, 91%
XYZ	60.0161, 62.8213, 33.0081
YIQ	205.7340, 38.1950, -14.9010

Conversions

Conversions Part 2

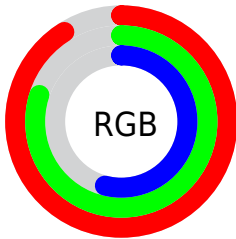
Format	Color
R _Y B	178, 233, 138
Decimal	15322506
CIE Lab	83.35, 0.73, 36.94
CIE LCh	83, 36.944, 88.866
Yxy	62.8213, 0.3851, 0.4031
Android (android.graphics.Color)	4293512586 (0xFFE9CD8A)
YUV	205.7340, -33.3929, 23.9123
Hunter-Lab	79.2599, -3.5435, 30.7904

Details

The Yxy color **62.8213, 0.3851, 0.4031** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.5425, 0.2429, 0.2412**, and the grayscale version is **61.7417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5858, 0.3502, 0.3910**, and **32.0514, 0.4021, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **59.0105, 0.4052, 0.4202**, and if you desaturate by 10%, it is **66.9265, 0.3655, 0.3848**.

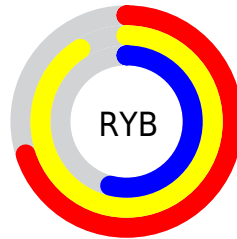
Distribution



Red (91%)

Green (80%)

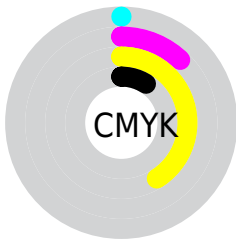
Blue (54%)



Red (70%)

Yellow (91%)

Blue (54%)

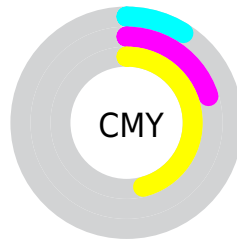


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8213, 0.3851, 0.4031 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 62.8213, 0.3851, 0.4031 by changing the saturation by 10% instead.


 62.8213, 0.3851,
0.4031


 62.8213, 0.3851,
0.4031


434.9207, 0.3513,
0.3687

 45.6967, 0.3927,
0.4108


 108.9117, 0.3735,
0.3912

 32.0065, 0.4019,
0.4201


 138.6462, 0.3689,
0.3866

 21.3665, 0.4133,
0.4316


 173.3528, 0.3650,
0.3826

 13.3921, 0.4274,
0.4459

213.4158, 0.3615,
0.3791

 7.6991, 0.4451,
0.4635

259.2197, 0.3585,
0.3760

 3.9030, 0.4761,
0.4945

311.1489, 0.3559,

 1.6195, 0.4916,

0.3733

0.5084

369.5878, 0.3535,
0.3708

■ 0.3707, 0.4997,
0.5003

■ 0.0000, 0.0000,
0.0000

■ 62.8213, 0.3851,
0.4031

■ 62.8213, 0.3851,
0.4031

■ 59.0105, 0.4052,
0.4202

■ 66.9265, 0.3655,
0.3848

■ 55.4741, 0.4250,
0.4350


■ 71.3277, 0.3469,
0.3662


■ 52.2028, 0.4437,
0.4465


■ 76.0373, 0.3296,
0.3479

■ 49.1828, 0.4603,
0.4537


■ 81.0644, 0.3139,
0.3303

 46.3978, 0.4740,
0.4558

 86.4175, 0.2996,
0.3137

 44.0106, 0.4841,
0.4538

 90.5492, 0.2993,
0.3202

 94.8021, 0.2993,
0.3270

 96.0587, 0.2993,
0.3290

Harmonies

Analogous

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



62.8213, 0.4052, 0.3740



62.8213, 0.3851, 0.4031



62.8213, 0.3460, 0.4136

Triad

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



62.8213, 0.3851, 0.4031



62.8213, 0.2335, 0.3109



62.8213, 0.3205, 0.2723

Complementary

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



62.8213, 0.3851, 0.4031



38.5425, 0.2429, 0.2412

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.



62.8213, 0.2752, 0.2562



62.8213, 0.3851, 0.4031



62.8213, 0.2278, 0.2748

Square

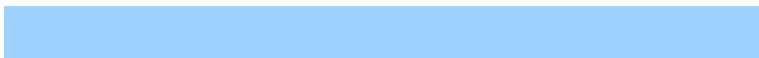
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.8213, 0.3851, 0.4031



62.8213, 0.2590, 0.3571



62.8213, 0.2424, 0.2563



62.8213, 0.3668, 0.3011

Rectangle

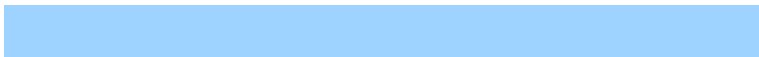
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.8213, 0.3851, 0.4031



62.8213, 0.3152, 0.4057



62.8213, 0.2424, 0.2563



62.8213, 0.3046, 0.2653

Sweetspot

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



62.8242, 0.3851, 0.4031



92.5706, 0.3318, 0.3502



38.2682, 0.3847, 0.2967



19.6482, 0.3340, 0.3526



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.



62.8242, 0.3851, 0.4031



73.1299, 0.4021, 0.4177



74.3890, 0.3593, 0.4350



16.8346, 0.3275, 0.3456



25.2046, 0.4828, 0.4548



2.1445, 0.4719, 0.4635

Inverse Universe

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



38.5425, 0.2429, 0.2412



39.5451, 0.2272, 0.2189



31.2275, 0.2513, 0.2081



15.2715, 0.2980, 0.3119



5.9113, 0.1608, 0.0987



0.6257, 0.1683, 0.1258

Previews

White Background



This preview shows how the Yxy color 62.8213, 0.3851, 0.4031 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 62.8213, 0.3851, 0.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

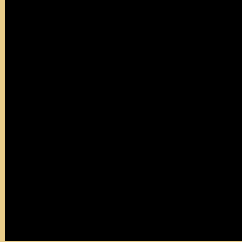
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8213, 0.3851, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 62.8213, 0.3851, 0.4031.



This preview shows how white text looks on a background with the Yxy color 62.8213, 0.3851, 0.4031.

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

62.8213, 0.3851, 0.4031

Protanopia

62.9834, 0.3765, 0.4070

Deuteranopia

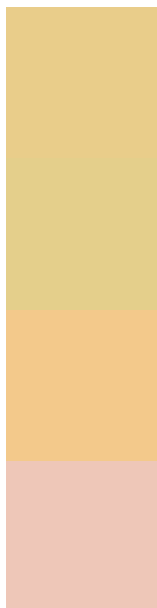
62.8507, 0.4005, 0.3924



Tritanopia

62.8838, 0.3374, 0.3131

Trichromacy



Original Color

62.8213, 0.3851, 0.4031

Protanomaly

62.9837, 0.3794, 0.4052

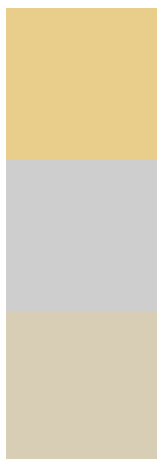
Deuteranomaly

62.6921, 0.3945, 0.3957

Tritanomaly

62.4847, 0.3558, 0.3455

Monochromacy



Original Color

62.8213, 0.3851, 0.4031

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0777, 0.3387, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8213, 0.3851, 0.4031 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(233, 205, 138)` looks like.

```
.text, #text, p{  
  color:rgb(233, 205, 138)  
}
```

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(233, 205, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 138) }
```

Border

The CSS property to change the border of an element to Yxy 62.8213, 0.3851, 0.4031 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(233, 205, 138) }
```

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

```
.border{ border-color:rgb(233, 205, 138) }
```

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

Here you see how a box with a 4 pixel rgb(233, 205, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 138);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8213, 0.3851, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 138) }
```

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

```
.background{ background-color: rgb(233,  
205, 138) }
```

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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