

Converting Colors

$Yxy(64.8208, 0.3777, 0.4008)$

Have a look what the booklet for
Yxy(64.8208, 0.3777, 0.4008)
contains.

Yxy(64.7704, 0.3783, 0.4009)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.7704, 0.3783, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	E8D190
RGB	232, 209, 144
RGB Percent	91%, 82%, 56%
CMY	0.0901, 0.1804, 0.4352
CMYK	0.00, 0.10, 0.38, 0.09
HSL	44°, 66%, 74%
HSV	44°, 38%, 91%
XYZ	61.1191, 64.7704, 35.6730
YIQ	208.4670, 34.5730, -15.3390

Conversions

Conversions Part 2

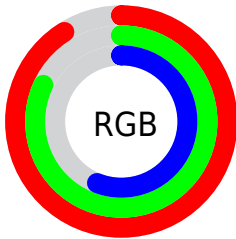
Format	Color
R _{YB}	175, 232, 144
Decimal	15258000
CIE Lab	84.37, -1.04, 35.17
CIE LCh	84, 35.183, 91.695
Yxy	64.7704, 0.3783, 0.4009
Android (android.graphics.Color)	4293448080 (0xFFE8D190)
YUV	208.4670, -31.7822, 20.6384
Hunter-Lab	80.4801, -5.2816, 30.0556

Details

The Yxy color **64.7704, 0.3783, 0.4009** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4107, 0.2476, 0.2445**, and the grayscale version is **63.5931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **33.3470, 0.3929, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **61.2132, 0.3975, 0.4191**, and if you desaturate by 10%, it is **68.5929, 0.3595, 0.3817**.

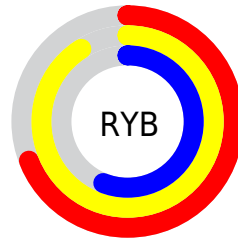
Distribution



Red (91%)

Green (82%)

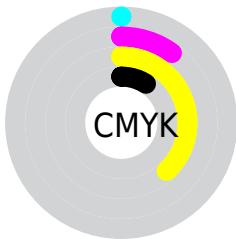
Blue (56%)



Red (69%)

Yellow (91%)

Blue (56%)

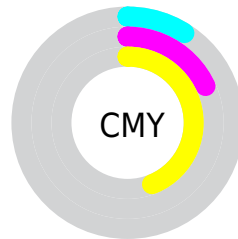


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7704, 0.3783, 0.4009 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 64.7704, 0.3783, 0.4009 by changing the saturation by 10% instead.


 64.7704, 0.3783,
0.4009

 64.7704, 0.3783,
0.4009


441.9664, 0.3479,
0.3674

 47.2749, 0.3851,
0.4084


 111.7197, 0.3678,
0.3893

 33.2530, 0.3934,
0.4177


 141.9423, 0.3637,
0.3848

 22.3204, 0.4036,
0.4291


177.1761, 0.3602,
0.3809

 14.0925, 0.4164,
0.4434

217.8055, 0.3571,
0.3775

 8.1850, 0.4325,
0.4616

264.2148, 0.3544,
0.3745

 4.2136, 0.4560,
0.4885

316.7884, 0.3519,

 1.7937, 0.4813,

0.3719

0.5187

375.9109, 0.3498,
0.3695

■ 0.4833, 0.4731,
0.5269

■ 0.0000, 0.0000,
0.0000

■ 64.7704, 0.3783,
0.4009

■ 64.7704, 0.3783,
0.4009

■ 61.2132, 0.3975,
0.4191

■ 68.5929, 0.3595,
0.3817

■ 57.9020, 0.4165,
0.4353


■ 72.6811, 0.3416,
0.3624


■ 54.8287, 0.4344,
0.4484

■ 77.0469, 0.3250,
0.3434

■ 51.9805, 0.4503,
0.4574


■ 81.6985, 0.3097,
0.3253

 49.3427, 0.4635,
0.4616

 86.3157, 0.2987,
0.3132

 46.8957, 0.4736,
0.4610

 89.9367, 0.2987,
0.3194

 46.4066, 0.4755,
0.4606

 93.6782, 0.2987,
0.3255

 95.8991, 0.2988,
0.3290

Harmonies

Analogous

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



64.7704, 0.3992, 0.3749



64.7704, 0.3783, 0.4009



64.7704, 0.3404, 0.4082

Triad

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



64.7704, 0.3783, 0.4009



64.7704, 0.2364, 0.3084



64.7704, 0.3245, 0.2774

Complementary

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



64.7704, 0.3783, 0.4009



39.4107, 0.2476, 0.2445

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.



64.7704, 0.2810, 0.2608



64.7704, 0.3783, 0.4009



64.7704, 0.2328, 0.2755

Square

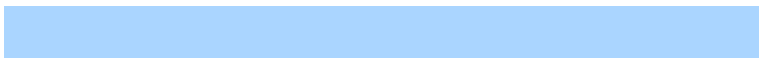
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.7704, 0.3783, 0.4009



64.7704, 0.2590, 0.3514



64.7704, 0.2484, 0.2595



64.7704, 0.3674, 0.3057

Rectangle

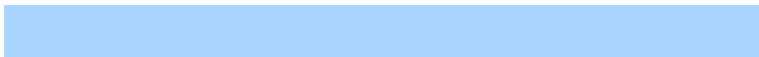
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7704, 0.3783, 0.4009



64.7704, 0.3111, 0.3989



64.7704, 0.2484, 0.2595



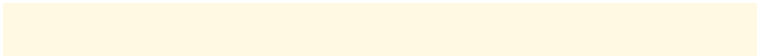
64.7704, 0.3094, 0.2704

Sweetspot

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



64.7734, 0.3783, 0.4009



93.7304, 0.3300, 0.3493



39.9195, 0.3808, 0.3023



19.9032, 0.3323, 0.3519



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.



64.7734, 0.3783, 0.4009



76.5662, 0.3943, 0.4161



73.6595, 0.3542, 0.4283



16.1455, 0.3274, 0.3463



25.9734, 0.4744, 0.4615



2.0683, 0.4646, 0.4693

Inverse Universe

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



39.4107, 0.2476, 0.2445



40.7459, 0.2319, 0.2220



33.7311, 0.2588, 0.2184



14.4972, 0.2981, 0.3111



5.2434, 0.1588, 0.0916



0.5357, 0.1666, 0.1196

Previews

White Background



This preview shows how the Yxy color 64.7704, 0.3783, 0.4009 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 64.7704, 0.3783, 0.4009 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 64.7704, 0.3783, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 64.7704, 0.3783, 0.4009.



This preview shows how white text looks on a background with the Yxy color 64.7704, 0.3783, 0.4009.

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

64.7704, 0.3783, 0.4009

Protanopia

64.6315, 0.3739, 0.4017

Deuteranopia

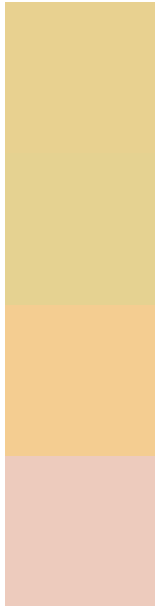
64.8256, 0.3954, 0.3878



Tritanopia

64.7401, 0.3330, 0.3131

Trichromacy



Original Color

64.7704, 0.3783, 0.4009

Protanomaly

64.7955, 0.3747, 0.4015

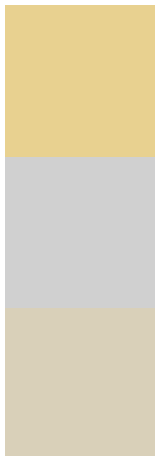
Deuteranomaly

64.9401, 0.3891, 0.3933

Tritanomaly

64.3905, 0.3501, 0.3444

Monochromacy



Original Color

64.7704, 0.3783, 0.4009

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3662, 0.3362, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7704, 0.3783, 0.4009 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(232, 209, 144)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 144)  
}
```

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(232, 209, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 144) }
```

Border

The CSS property to change the border of an element to Yxy 64.7704, 0.3783, 0.4009 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(232, 209, 144) }
```

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

```
.border{ border-color:rgb(232, 209, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 209, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 209, 144); box-shadow:4px 4px 4px 4px rgb(232, 209, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7704, 0.3783, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 144) }
```

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

```
.background{ background-color: rgb(232,  
209, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor