

Converting Colors

$Yxy(64.0718, 0.3760, 0.3886)$

Have a look what the booklet for
Yxy(64.0718, 0.3760, 0.3886)
contains.

Yxy(64.0718, 0.3760, 0.3886)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.0718, 0.3760, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	EBCE98
RGB	235, 206, 152
RGB Percent	92%, 81%, 60%
CMY	0.0785, 0.1921, 0.4039
CMYK	0.00, 0.12, 0.35, 0.08
HSL	39°, 67%, 76%
HSV	39°, 35%, 92%
XYZ	61.9943, 64.0718, 38.8124
YIQ	208.5150, 34.6180, -10.6460

Conversions

Conversions Part 2

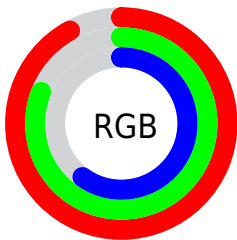
Format	Color
RYB	197, 235, 152
Decimal	15453848
CIELab	84.00, 2.57, 30.61
CIElCh	84, 30.719, 85.200
Yxy	64.0718, 0.3760, 0.3886
Android (android.graphics.Color)	4293643928 (0xFFEBCE98)
YUV	208.5150, -27.8619, 23.2273
Hunter-Lab	80.0449, -1.8312, 27.2827

Details

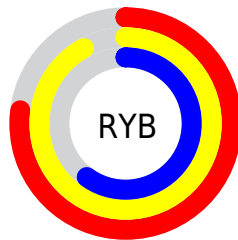
The Yxy color **64.0718, 0.3760, 0.3886** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7124, 0.2537, 0.2609**, and the grayscale version is **63.5969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **32.8416, 0.3915, 0.4032** is the 20% darker color. If you saturate the color by 10%, you get **59.5320, 0.3971, 0.4053**, and if you desaturate by 10%, it is **68.9762, 0.3560, 0.3713**.

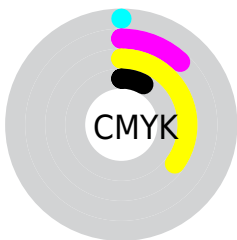
Distribution



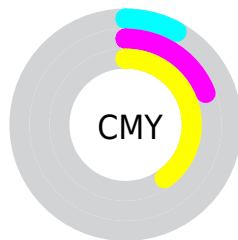
- Red (92%)
- Green (81%)
- Blue (60%)



- Red (77%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (8%)





- Cyan (8%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0718, 0.3760, 0.3886 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 64.0718, 0.3760, 0.3886 by changing the saturation by 10% instead.


 64.0718, 0.3760,
0.3886

 64.0718, 0.3760,
0.3886

439.4489, 0.3463,
0.3609

 46.7088, 0.3828,
0.3948


 110.7143, 0.3657,
0.3790

 32.8055, 0.3911,
0.4025


 140.7627, 0.3616,
0.3753

 21.9775, 0.4016,
0.4119


175.8083, 0.3582,
0.3721

 13.8404, 0.4150,
0.4239

216.2355, 0.3552,
0.3693

 8.0097, 0.4325,
0.4392

262.4288, 0.3526,
0.3668

 4.1012, 0.4564,
0.4593

314.7725, 0.3502,

 1.7303, 0.5021,

0.3646

0.4979

373.6511, 0.3481,
0.3627

0.4432, 0.5220,
0.4780

0.0000, 0.0000,
0.0000

64.0718, 0.3760,
0.3886

64.0718, 0.3760,
0.3886

59.5320, 0.3971,
0.4053

68.9762, 0.3560,
0.3713

55.3357, 0.4189,
0.4204

74.2477, 0.3376,
0.3541

51.4727, 0.4404,
0.4329

79.8998, 0.3209,
0.3375

47.9286, 0.4606,
0.4415

85.9428, 0.3059,
0.3217

■ 44.6866, 0.4784,
0.4454

■ 91.4165, 0.3005,
0.3211

■ 41.7274, 0.4930,
0.4439

■ 96.3977, 0.3005,
0.3290

■ 40.4223, 0.4990,
0.4420

Harmonies

Analogous

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



64.0718, 0.3897, 0.3638



64.0718, 0.3760, 0.3886



64.0718, 0.3454, 0.3985

Triad

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



64.0718, 0.3760, 0.3886



64.0718, 0.2483, 0.3191



64.0718, 0.3146, 0.2791

Complementary

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



64.0718, 0.3760, 0.3886



45.7124, 0.2537, 0.2609

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.



64.0718, 0.2776, 0.2671



64.0718, 0.3760, 0.3886



64.0718, 0.2412, 0.2874

Square

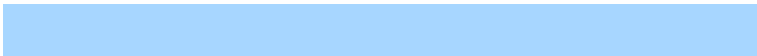
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0718, 0.3760, 0.3886



64.0718, 0.2719, 0.3568



64.0718, 0.2515, 0.2694



64.0718, 0.3532, 0.3025

Rectangle

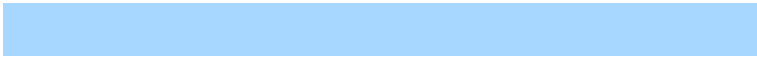
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0718, 0.3760, 0.3886



64.0718, 0.3201, 0.3935



64.0718, 0.2515, 0.2694



64.0718, 0.3016, 0.2736

Sweetspot

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



64.0748, 0.3760, 0.3886



92.2340, 0.3303, 0.3469



43.4584, 0.3672, 0.2965



19.5454, 0.3326, 0.3492



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.



64.0748, 0.3760, 0.3886



73.3368, 0.3905, 0.4002



77.2826, 0.3566, 0.4198



16.6905, 0.3277, 0.3443



22.7505, 0.4974, 0.4433



1.9655, 0.4838, 0.4541

Inverse Universe

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



45.7124, 0.2537, 0.2609



48.3251, 0.2414, 0.2448



36.4007, 0.2579, 0.2255



15.4090, 0.2980, 0.3132



6.9158, 0.1645, 0.1123



0.7176, 0.1722, 0.1399

Previews

White Background



This preview shows how the Yxy color 64.0718, 0.3760, 0.3886 looks on a white background.

Color Contrast Check

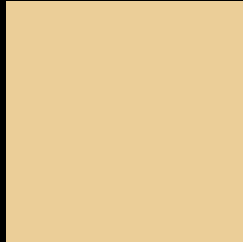
Large Text (above 18pt) WCAG AA × Fail

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 64.0718, 0.3760, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

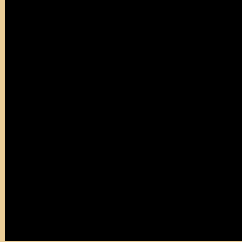
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0718, 0.3760, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 64.0718, 0.3760, 0.3886.



This preview shows how white text looks on a background with the Yxy color 64.0718, 0.3760, 0.3886.

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

64.0718, 0.3760, 0.3886

Protanopia

63.9084, 0.3660, 0.3925

Deuteranopia

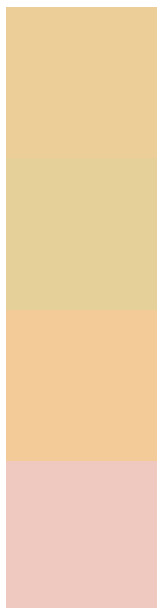
64.0297, 0.3880, 0.3802



Tritanopia

64.0695, 0.3364, 0.3132

Trichromacy



Original Color

64.0718, 0.3760, 0.3886

Protanomaly

64.0697, 0.3696, 0.3907

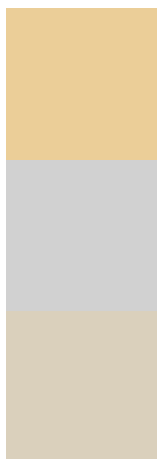
Deuteranomaly

64.0665, 0.3830, 0.3880

Tritanomaly

63.8856, 0.3506, 0.3400

Monochromacy



Original Color

64.0718, 0.3760, 0.3886

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6480, 0.3348, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0718, 0.3760, 0.3886 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(235, 206, 152)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 152)  
}
```

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(235, 206, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 152) }
```

Border

The CSS property to change the border of an element to Yxy 64.0718, 0.3760, 0.3886 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(235, 206, 152) }
```

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

```
.border{ border-color:rgb(235, 206, 152) }
```

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

Here you see how a box with a 4 pixel rgb(235, 206, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 152);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0718, 0.3760, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 152) }
```

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

```
.background{ background-color: rgb(235,  
206, 152) }
```

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