

Converting Colors

Yxy(60.5546, 0.3756, 0.3899)

Have a look what the booklet for
Yxy(60.5546, 0.3756, 0.3899)
contains.

Yxy(60.3739, 0.3758, 0.3902)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3739, 0.3758, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	E4C993
RGB	228, 201, 147
RGB Percent	89%, 79%, 58%
CMY	0.1060, 0.2117, 0.4234
CMYK	0.00, 0.12, 0.36, 0.11
HSL	40°, 60%, 74%
HSV	40°, 36%, 89%
XYZ	58.1459, 60.3739, 36.2058
YIQ	202.9170, 33.4260, -11.0700

Conversions

Conversions Part 2

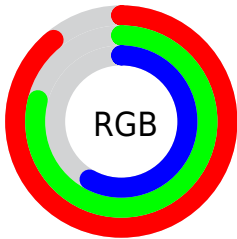
Format	Color
R _Y B	188, 228, 147
Decimal	14993811
CIE Lab	82.04, 1.86, 30.48
CIE LCh	82, 30.534, 86.502
Yxy	60.3739, 0.3758, 0.3902
Android (android.graphics.Color)	4293183891 (0xFFE4C993)
YUV	202.9170, -27.5671, 21.9978
Hunter-Lab	77.7006, -2.3989, 26.7634

Details

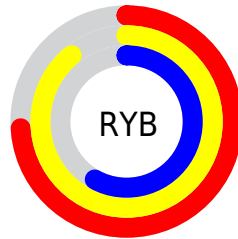
The Yxy color $60.3739, 0.3758, 0.3902$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $42.0812, 0.2532, 0.2588$, and the grayscale version is $59.8288, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9970, 0.3448, 0.3820$, and $30.3699, 0.3907, 0.4044$ is the 20% darker color. If you saturate the color by 10%, you get $56.2753, 0.3966, 0.4072$, and if you desaturate by 10%, it is $64.7951, 0.3561, 0.3726$.

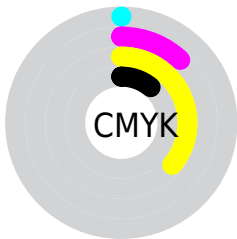
Distribution



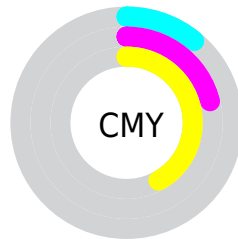
- Red (89%)
- Green (79%)
- Blue (58%)



- Red (74%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (36%)
- Black (11%)




- Cyan (11%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3739, 0.3758, 0.3902 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 60.3739, 0.3758, 0.3902 by changing the saturation by 10% instead.


 60.3739, 0.3758,
0.3902


 60.3739, 0.3758,
0.3902


425.9746, 0.3459,
0.3614

 43.7201, 0.3827,
0.3968


 105.3719, 0.3653,
0.3802

 30.4505, 0.3912,
0.4048


 134.4848, 0.3613,
0.3763

 20.1808, 0.4019,
0.4149

168.5196, 0.3578,
0.3730

 12.5265, 0.4157,
0.4277

207.8605, 0.3548,
0.3701

 7.1033, 0.4337,
0.4442

252.8921, 0.3522,
0.3675

 3.5268, 0.4611,
0.4690

303.9988, 0.3498,

 1.4126, 0.4988,

0.3652

0.5012

361.5648, 0.3478,
0.3632

■ 0.2260, 0.5353,
0.4647

■ 0.0000, 0.0000,
0.0000

■ 60.3739, 0.3758,
0.3902

■ 60.3739, 0.3758,
0.3902

■ 56.2753, 0.3966,
0.4072

■ 64.7951, 0.3561,
0.3726

■ 52.4801, 0.4178,
0.4226

■ 69.5406, 0.3378,
0.3550

■ 48.9790, 0.4386,
0.4353

■ 74.6230, 0.3212,
0.3380

■ 45.7591, 0.4581,
0.4442

■ 80.0511, 0.3062,
0.3219

■ 42.8054, 0.4751,
0.4483

■ 85.4395, 0.2962,
0.3128

■ 40.1001, 0.4889,
0.4472

■ 89.9813, 0.2963,
0.3205

■ 38.9533, 0.4944,
0.4456

■ 94.7122, 0.2964,
0.3281

■ 95.2311, 0.2964,
0.3290

Harmonies

Analogous

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



60.3739, 0.3906, 0.3655



60.3739, 0.3758, 0.3902



60.3739, 0.3442, 0.3995

Triad

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



60.3739, 0.3758, 0.3902



60.3739, 0.2468, 0.3173



60.3739, 0.3164, 0.2793

Complementary

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



60.3739, 0.3758, 0.3902



42.0812, 0.2532, 0.2588

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.



60.3739, 0.2786, 0.2665



60.3739, 0.3758, 0.3902



60.3739, 0.2404, 0.2857

Square

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



60.3739, 0.3758, 0.3902



60.3739, 0.2700, 0.3556



60.3739, 0.2516, 0.2682



60.3739, 0.3553, 0.3033

Rectangle

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



60.3739, 0.3758, 0.3902



60.3739, 0.3184, 0.3937



60.3739, 0.2516, 0.2682



60.3739, 0.3031, 0.2736

Sweetspot

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



60.3767, 0.3758, 0.3902



92.5043, 0.3302, 0.3474



40.4258, 0.3689, 0.2979



19.6100, 0.3326, 0.3497



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.



60.3767, 0.3758, 0.3902



73.6991, 0.3918, 0.4035



71.9548, 0.3558, 0.4205



15.9656, 0.3276, 0.3446



22.7234, 0.4930, 0.4468



1.8482, 0.4795, 0.4574

Inverse Universe

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



42.0812, 0.2532, 0.2588



46.6807, 0.2392, 0.2402



34.0064, 0.2587, 0.2253



14.6679, 0.2981, 0.3129



6.4116, 0.1634, 0.1083



0.6397, 0.1716, 0.1375

Previews

White Background



This preview shows how the Yxy color 60.3739, 0.3758, 0.3902 looks on a white background.

Color Contrast Check

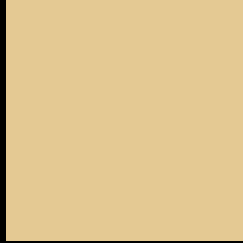
Large Text (above 18pt) WCAG AA × Fail

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 60.3739, 0.3758, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

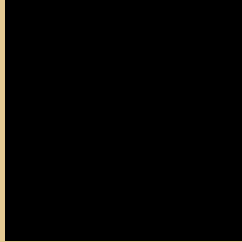
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3739, 0.3758, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 60.3739, 0.3758, 0.3902.



This preview shows how white text looks on a background with the Yxy color 60.3739, 0.3758, 0.3902.

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

60.3739, 0.3758, 0.3902

Protanopia

60.3839, 0.3664, 0.3940

Deuteranopia

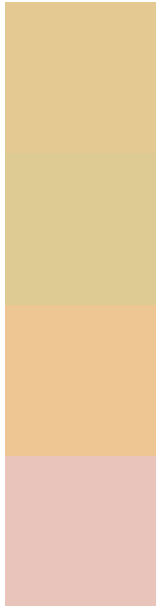
60.4952, 0.3890, 0.3813



Tritanopia

60.3562, 0.3353, 0.3127

Trichromacy



Original Color

60.3739, 0.3758, 0.3902

Protanomaly

60.3796, 0.3693, 0.3924

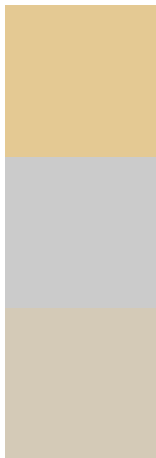
Deuteranomaly

60.5308, 0.3839, 0.3843

Tritanomaly

60.1808, 0.3499, 0.3403

Monochromacy



Original Color

60.3739, 0.3758, 0.3902

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6570, 0.3346, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3739, 0.3758, 0.3902 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(228, 201, 147)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 147)  
}
```

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(228, 201, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 147) }
```

Border

The CSS property to change the border of an element to Yxy 60.3739, 0.3758, 0.3902 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(228, 201, 147) }
```

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

```
.border{ border-color:rgb(228, 201, 147) }
```

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

Here you see how a box with a 4 pixel rgb(228, 201, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 147);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3739, 0.3758, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 147) }
```

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

```
.background{ background-color: rgb(228,  
201, 147) }
```

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