

Converting Colors

Yxy(60.3651, 0.3951, 0.4166)

Have a look what the booklet for
Yxy(60.3651, 0.3951, 0.4166)
contains.

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Color

Yxy(60.4941, 0.3948, 0.4166)

Conversions

Conversions Part 1

Format	Color
Hex	E6CA7B
RGB	230, 202, 123
RGB Percent	90%, 79%, 48%
CMY	0.0980, 0.2078, 0.5177
CMYK	0.00, 0.12, 0.47, 0.10
HSL	44°, 68%, 69%
HSV	44°, 47%, 90%
XYZ	57.3285, 60.4941, 27.3864
YIQ	201.3660, 42.0470, -18.6330

Conversions

Conversions Part 2

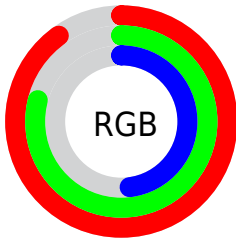
Format	Color
R_{YB}	161, 230, 123
Decimal	15125115
CIE _{Lab}	82.11, -0.42, 42.90
CIE _{LCh}	82, 42.903, 90.555
Y _{xy}	60.4941, 0.3948, 0.4166
Android (android.graphics.Color)	4293315195 (0xFFE6CA7B)
YUV	201.3660, -38.6344, 25.1120
Hunter-Lab	77.7780, -4.5427, 33.5679

Details

The Yxy color **60.4941, 0.3948, 0.4166** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.0487, 0.2314, 0.2213**, and the grayscale version is **58.8733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **30.4183, 0.4129, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **57.2181, 0.4139, 0.4331**, and if you desaturate by 10%, it is **64.0211, 0.3756, 0.3982**.

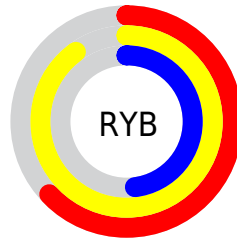
Distribution



Red (90%)

Green (79%)

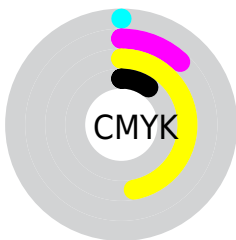
Blue (48%)



Red (63%)

Yellow (90%)

Blue (48%)

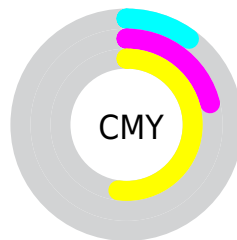


Cyan (0%)

Magenta (12%)

Yellow (47%)

Black (10%)



Cyan (10%)


Magenta (21%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4941, 0.3948, 0.4166 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 60.4941, 0.3948, 0.4166 by changing the saturation by 10% instead.


 60.4941, 0.3948,
0.4166


 60.4941, 0.3948,
0.4166

426.4166, 0.3567,
0.3759

 43.8170, 0.4032,
0.4256

 105.5461, 0.3818,
0.4026

 30.5267, 0.4133,
0.4364


 134.6898, 0.3766,
0.3971

 20.2387, 0.4254,
0.4495


 168.7578, 0.3722,
0.3924

 12.5687, 0.4400,
0.4653

208.1345, 0.3683,
0.3882

 7.1322, 0.4571,
0.4838

253.2044, 0.3649,
0.3846

 3.5449, 0.4854,
0.5146

304.3518, 0.3618,

 1.4224, 0.4847,

0.3814

361.9610, 0.3591,
0.3785

0.5153

0.2331, 0.4756,
0.5244

0.0000, 0.0000,
0.0000

60.4941, 0.3948,
0.4166

60.4941, 0.3948,
0.4166

57.2181, 0.4139,
0.4331

64.0211, 0.3756,
0.3982

54.1739, 0.4319,
0.4467


67.8006, 0.3569,
0.3790

51.3520, 0.4482,
0.4564


71.8446, 0.3392,
0.3597

48.7386, 0.4618,
0.4613


76.1616, 0.3227,
0.3408

 46.3161, 0.4723,
0.4613


 80.7597, 0.3076,
0.3229

 45.5109, 0.4755,
0.4606

 85.2552, 0.2974,
0.3119

 88.8198, 0.2975,
0.3180

 92.5026, 0.2975,
0.3241

 95.5636, 0.2976,
0.3290

Harmonies

Analogous

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



60.4941, 0.4206, 0.3824



60.4941, 0.3948, 0.4166



60.4941, 0.3479, 0.4291

Triad

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



60.4941, 0.3948, 0.4166



60.4941, 0.2197, 0.3040



60.4941, 0.3246, 0.2649

Complementary

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



60.4941, 0.3948, 0.4166



32.0487, 0.2314, 0.2213

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.



60.4941, 0.2712, 0.2454



60.4941, 0.3948, 0.4166



60.4941, 0.2147, 0.2634

Square

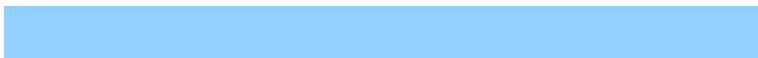
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4941, 0.3948, 0.4166



60.4941, 0.2475, 0.3589



60.4941, 0.2326, 0.2440



60.4941, 0.3790, 0.2984

Rectangle

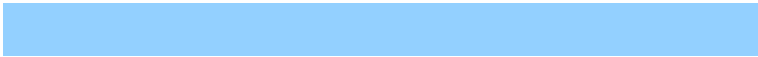
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4941, 0.3948, 0.4166



60.4941, 0.3118, 0.4190



60.4941, 0.2326, 0.2440



60.4941, 0.3059, 0.2566

Sweetspot

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



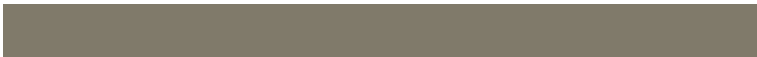
60.4969, 0.3948, 0.4166



92.0957, 0.3350, 0.3550



33.2357, 0.4045, 0.2965



19.4648, 0.3387, 0.3591



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.



60.4969, 0.3948, 0.4166



72.3923, 0.4134, 0.4328



71.0087, 0.3623, 0.4509



16.1455, 0.3274, 0.3463



25.9737, 0.4744, 0.4615



2.0683, 0.4646, 0.4693

Inverse Universe

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



32.0487, 0.2314, 0.2213



32.3493, 0.2132, 0.1938



26.1656, 0.2435, 0.1898



14.4971, 0.2981, 0.3111



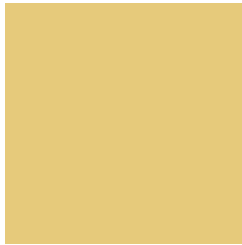
5.2433, 0.1588, 0.0916



0.5357, 0.1666, 0.1196

Previews

White Background



This preview shows how the Yxy color 60.4941, 0.3948, 0.4166 looks on a white background.

Color Contrast Check

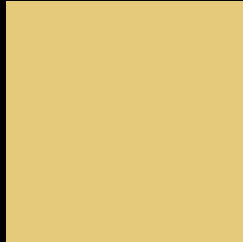
Large Text (above 18pt) WCAG AA × Fail

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 60.4941, 0.3948, 0.4166 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 60.4941, 0.3948, 0.4166

Background



This preview shows how black text looks on a background with the Yxy color 60.4941, 0.3948, 0.4166.

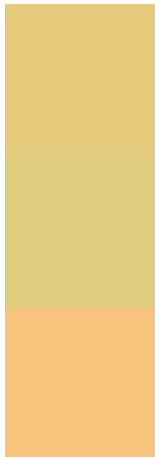


This preview shows how white text looks on a background with the Yxy color 60.4941, 0.3948, 0.4166.

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

60.4941, 0.3948, 0.4166

Protanopia

60.3289, 0.3872, 0.4196

Deuteranopia

60.2850, 0.4115, 0.4028



Tritanopia

60.3814, 0.3387, 0.3129

Trichromacy



Original Color

60.4941, 0.3948, 0.4166

Protanomaly

60.3359, 0.3902, 0.4177

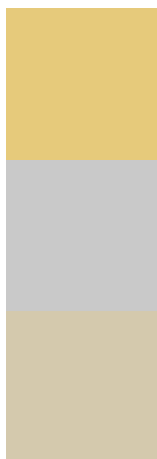
Deuteranomaly

60.5442, 0.4055, 0.4084

Tritanomaly

60.2766, 0.3604, 0.3513

Monochromacy



Original Color

60.4941, 0.3948, 0.4166

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7875, 0.3424, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4941, 0.3948, 0.4166 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, 202, 123)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 123)  
}
```

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, 202, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 123) }
```

Border

The CSS property to change the border of an element to Yxy 60.4941, 0.3948, 0.4166 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, 202, 123) }
```

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

```
.border{ border-color:rgb(230, 202, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 123);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
123) }
```


Background

The CSS property to change the background color of an element to Rgb 60.4941, 0.3948, 0.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 123) }
```

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

```
.background{ background-color: rgb(230,  
202, 123) }
```

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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