

Converting Colors

Yxy(60.1147, 0.3810, 0.3932)

Have a look what the booklet for
Yxy(60.1147, 0.3810, 0.3932)
contains.

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Color

Yxy(60.1147, 0.3810, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	E6C88F
RGB	230, 200, 143
RGB Percent	90%, 78%, 56%
CMY	0.0980, 0.2157, 0.4392
CMYK	0.00, 0.13, 0.38, 0.10
HSL	39°, 64%, 73%
HSV	39°, 38%, 90%
XYZ	58.2495, 60.1147, 34.5216
YIQ	202.4720, 36.1770, -11.3670

Conversions

Conversions Part 2

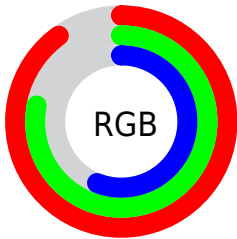
Format	Color
R_{YB}	189, 230, 143
Decimal	15124623
CIE _{Lab}	81.90, 2.72, 32.42
CIE _{LCh}	82, 32.531, 85.203
Y _{xy}	60.1147, 0.3810, 0.3932
Android (android.graphics.Color)	4293314703 (0xFFE6C88F)
YUV	202.4720, -29.3197, 24.1421
Hunter-Lab	77.5337, -1.5804, 27.8749

Details

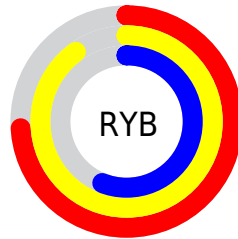
The Yxy color **60.1147, 0.3810, 0.3932** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.4503, 0.2492, 0.2547**, and the grayscale version is **59.5456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **30.2147, 0.3975, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **55.9095, 0.4022, 0.4097**, and if you desaturate by 10%, it is **64.6591, 0.3608, 0.3759**.

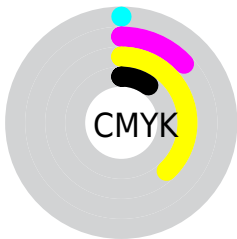
Distribution



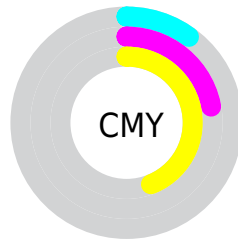
- Red (90%)
- Green (78%)
- Blue (56%)



- Red (74%)
- Yellow (90%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (10%)





- Cyan (10%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1147, 0.3810, 0.3932 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 60.1147, 0.3810, 0.3932 by changing the saturation by 10% instead.

 60.1147, 0.3810,
0.3932


 60.1147, 0.3810,
0.3932


425.0204, 0.3487,
0.3632

 43.5111, 0.3884,
0.4000


 104.9960, 0.3697,
0.3828

 30.2863, 0.3976,
0.4083


 134.0426, 0.3653,
0.3787

 20.0560, 0.4091,
0.4186

168.0055, 0.3616,
0.3752

 12.4358, 0.4237,
0.4316

207.2693, 0.3583,
0.3722

 7.0412, 0.4428,
0.4479

252.2182, 0.3554,
0.3695

 3.4879, 0.4743,
0.4749

303.2368, 0.3529,

 1.3914, 0.5041,

0.3671

0.4959

360.7094, 0.3507,
0.3650

■ 0.2104, 0.5587,
0.4413

■ 0.0000, 0.0000,
0.0000

■ 60.1147, 0.3810,
0.3932

■ 60.1147, 0.3810,
0.3932

■ 55.9095, 0.4022,
0.4097

■ 64.6591, 0.3608,
0.3759

■ 52.0237, 0.4238,
0.4243

■ 69.5453, 0.3421,
0.3585

■ 48.4471, 0.4449,
0.4360

■ 74.7863, 0.3249,
0.3417

■ 45.1658, 0.4645,
0.4436

■ 80.3916, 0.3095,
0.3256

■ 42.1637, 0.4813,
0.4463

■ 86.1748, 0.2974,
0.3135

■ 39.4197, 0.4949,
0.4439

■ 90.9411, 0.2975,
0.3216

■ 38.8514, 0.4977,
0.4430

■ 95.5657, 0.2976,
0.3290

Harmonies

Analogous

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



60.1147, 0.3960, 0.3662



60.1147, 0.3810, 0.3932



60.1147, 0.3478, 0.4044

Triad

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



60.1147, 0.3810, 0.3932



60.1147, 0.2433, 0.3180



60.1147, 0.3146, 0.2754

Complementary

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



60.1147, 0.3810, 0.3932



41.4503, 0.2492, 0.2547

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.



60.1147, 0.2748, 0.2624



60.1147, 0.3810, 0.3932



60.1147, 0.2358, 0.2839

Square

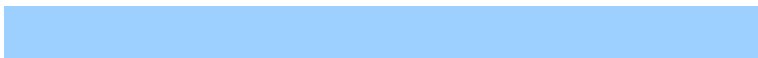
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.1147, 0.3810, 0.3932



60.1147, 0.2685, 0.3591



60.1147, 0.2468, 0.2648



60.1147, 0.3565, 0.3004

Rectangle

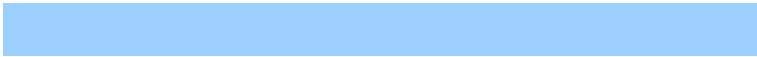
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1147, 0.3810, 0.3932



60.1147, 0.3204, 0.3991



60.1147, 0.2468, 0.2648



60.1147, 0.3005, 0.2695

Sweetspot

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



60.1175, 0.3810, 0.3932



92.3039, 0.3303, 0.3470



39.5075, 0.3726, 0.2941



19.5621, 0.3326, 0.3493



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.



60.1175, 0.3810, 0.3932



71.9726, 0.3967, 0.4056



73.3324, 0.3595, 0.4262



15.9361, 0.3276, 0.3444



22.2285, 0.4962, 0.4442



1.8142, 0.4821, 0.4554

Inverse Universe

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



41.4503, 0.2492, 0.2547



45.3937, 0.2359, 0.2369



32.4347, 0.2532, 0.2171



14.6961, 0.2981, 0.3132



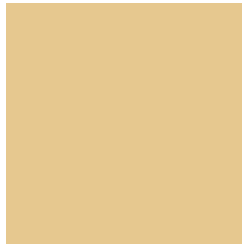
6.6341, 0.1643, 0.1114



0.6586, 0.1724, 0.1406

Previews

White Background



This preview shows how the Yxy color 60.1147, 0.3810, 0.3932 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 60.1147, 0.3810, 0.3932 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 60.1147, 0.3810, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 60.1147, 0.3810, 0.3932.



This preview shows how white text looks on a background with the Yxy color 60.1147, 0.3810, 0.3932.

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

60.1147, 0.3810, 0.3932

Protanopia

60.4457, 0.3695, 0.3973

Deuteranopia

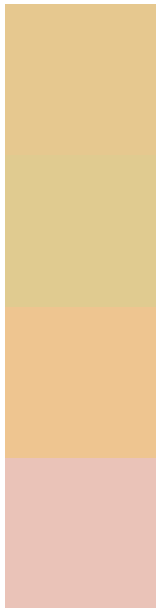
59.9211, 0.3926, 0.3846



Tritanopia

60.2088, 0.3379, 0.3128

Trichromacy



Original Color

60.1147, 0.3810, 0.3932

Protanomaly

60.5728, 0.3740, 0.3965

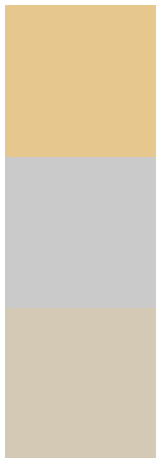
Deuteranomaly

60.1233, 0.3883, 0.3874

Tritanomaly

59.9833, 0.3534, 0.3413

Monochromacy



Original Color

60.1147, 0.3810, 0.3932

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1065, 0.3363, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1147, 0.3810, 0.3932 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, 200, 143)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 143)  
}
```

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, 200, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 143) }
```

Border

The CSS property to change the border of an element to Yxy 60.1147, 0.3810, 0.3932 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, 200, 143) }
```

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

```
.border{ border-color:rgb(230, 200, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 200, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 143);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1147, 0.3810, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 143) }
```

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

```
.background{ background-color: rgb(230,  
200, 143) }
```

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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