

Converting Colors

$Yxy(60.8670, 0.3945, 0.4085)$

Have a look what the booklet for
Yxy(60.8670, 0.3945, 0.4085)
contains.

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Color

Yxy(60.8507, 0.3944, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	EAC981
RGB	234, 201, 129
RGB Percent	92%, 79%, 51%
CMY	0.0824, 0.2117, 0.4942
CMYK	0.00, 0.14, 0.45, 0.08
HSL	41°, 71%, 71%
HSV	41°, 45%, 92%
XYZ	58.7791, 60.8507, 29.4045
YIQ	202.6590, 42.7800, -15.3960

Conversions

Conversions Part 2

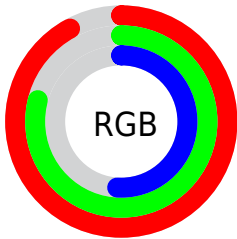
Format	Color
RYB	177, 234, 129
Decimal	15387009
CIELab	82.30, 2.29, 40.21
CIELCh	82, 40.270, 86.742
Yxy	60.8507, 0.3944, 0.4083
Android (android.graphics.Color)	4293577089 (0xFFEAC981)
YUV	202.6590, -36.3139, 27.4861
Hunter-Lab	78.0069, -2.0101, 32.2556

Details

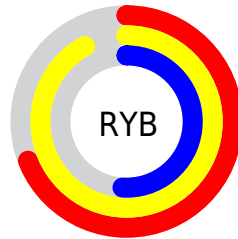
The Yxy color **60.8507, 0.3944, 0.4083** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.4321, 0.2357, 0.2333**, and the grayscale version is **59.7078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **30.6476, 0.4132, 0.4261** is the 20% darker color. If you saturate the color by 10%, you get **56.9554, 0.4151, 0.4242**, and if you desaturate by 10%, it is **65.0582, 0.3741, 0.3908**.

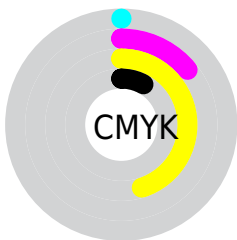
Distribution



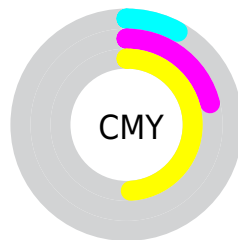
- Red (92%)
- Green (79%)
- Blue (51%)



- Red (69%)
- Yellow (92%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8507, 0.3944, 0.4083 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 60.8507, 0.3944, 0.4083 by changing the saturation by 10% instead.

 60.8507, 0.3944,
0.4083

 60.8507, 0.3944,
0.4083


427.7264, 0.3562,
0.3716

 44.1047, 0.4029,
0.4164


 106.0627, 0.3812,
0.3957

 30.7528, 0.4133,
0.4261


 135.2975, 0.3761,
0.3908

 20.4107, 0.4260,
0.4379


 169.4641, 0.3716,
0.3865

 12.6939, 0.4416,
0.4521

208.9467, 0.3677,
0.3828

 7.2181, 0.4605,
0.4689

254.1299, 0.3643,
0.3795

 3.5989, 0.4976,
0.5024

305.3979, 0.3613,

 1.4518, 0.5012,

0.3766

0.4988

363.1353, 0.3586,
0.3740

■ 0.2544, 0.5392,
0.4608

■ 0.0000, 0.0000,
0.0000

■ 60.8507, 0.3944,
0.4083

■ 60.8507, 0.3944,
0.4083

■ 56.9554, 0.4151,
0.4242

■ 65.0582, 0.3741,
0.3908

■ 53.3516, 0.4353,
0.4375


■ 69.5805, 0.3547,
0.3727


■ 50.0287, 0.4541,
0.4469

■ 74.4307, 0.3367,
0.3546

■ 46.9714, 0.4704,
0.4517


■ 79.6187, 0.3202,
0.3372


 44.1615, 0.4836,
0.4513

 85.1537, 0.3053,
0.3207

 42.8066, 0.4894,
0.4496

 90.0840, 0.2999,
0.3191

 94.6229, 0.2999,
0.3265

 96.2325, 0.2999,
0.3290

Harmonies

Analogous

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



60.8507, 0.4150, 0.3749



60.8507, 0.3944, 0.4083



60.8507, 0.3523, 0.4226

Triad

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



60.8507, 0.3944, 0.4083



60.8507, 0.2273, 0.3120



60.8507, 0.3173, 0.2654

Complementary

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



60.8507, 0.3944, 0.4083



36.4321, 0.2357, 0.2333

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.



60.8507, 0.2683, 0.2489



60.8507, 0.3944, 0.4083



60.8507, 0.2197, 0.2714

Square

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



60.8507, 0.3944, 0.4083



60.8507, 0.2563, 0.3636



60.8507, 0.2339, 0.2502



60.8507, 0.3690, 0.2958

Rectangle

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



60.8507, 0.3944, 0.4083



60.8507, 0.3186, 0.4157



60.8507, 0.2339, 0.2502



60.8507, 0.2999, 0.2581

Sweetspot

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



60.8536, 0.3944, 0.4083



91.5811, 0.3336, 0.3514



35.8014, 0.3936, 0.2916



19.3113, 0.3374, 0.3553



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.



60.8536, 0.3944, 0.4083



69.5114, 0.4138, 0.4233



74.8384, 0.3648, 0.4451



16.7824, 0.3276, 0.3451



24.2899, 0.4880, 0.4507



2.0782, 0.4761, 0.4601

Inverse Universe

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



36.4321, 0.2357, 0.2333



36.3569, 0.2188, 0.2089



27.9496, 0.2422, 0.1937



15.3210, 0.2980, 0.3124



6.2518, 0.1621, 0.1034



0.6575, 0.1697, 0.1308

Previews

White Background



This preview shows how the Yxy color 60.8507, 0.3944, 0.4083 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 60.8507, 0.3944, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

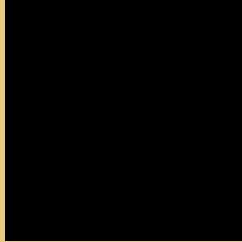
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8507, 0.3944, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 60.8507, 0.3944, 0.4083.



This preview shows how white text looks on a background with the Yxy color 60.8507, 0.3944, 0.4083.

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

60.8507, 0.3944, 0.4083

Protanopia

60.9623, 0.3825, 0.4142

Deuteranopia

60.8657, 0.4072, 0.3989



Tritanopia

60.5951, 0.3430, 0.3130

Trichromacy



Original Color

60.8507, 0.3944, 0.4083

Protanomaly

61.1283, 0.3863, 0.4121

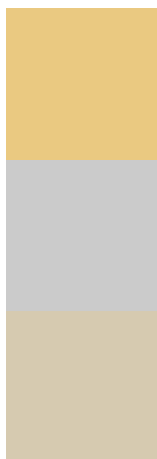
Deuteranomaly

60.8771, 0.4019, 0.4021

Tritanomaly

60.5953, 0.3624, 0.3478

Monochromacy



Original Color

60.8507, 0.3944, 0.4083

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6718, 0.3416, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8507, 0.3944, 0.4083 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(234, 201, 129)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 129)  
}
```

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(234, 201, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 129) }
```

Border

The CSS property to change the border of an element to Yxy 60.8507, 0.3944, 0.4083 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(234, 201, 129) }
```

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

```
.border{ border-color:rgb(234, 201, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 201, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 129);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8507, 0.3944, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 129) }
```

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

```
.background{ background-color: rgb(234,  
201, 129) }
```

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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