

Converting Colors

$Yxy(56.7326, 0.3829, 0.3842)$

Have a look what the booklet for
Yxy(56.7326, 0.3829, 0.3842)
contains.

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Color

Yxy(56.9765, 0.3831, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	E6C190
RGB	230, 193, 144
RGB Percent	90%, 76%, 56%
CMY	0.0980, 0.2431, 0.4353
CMYK	0.00, 0.16, 0.37, 0.10
HSL	34°, 63%, 73%
HSV	34°, 37%, 90%
XYZ	56.7395, 56.9765, 34.3903
YIQ	198.4770, 37.7810, -7.3950

Conversions

Conversions Part 2

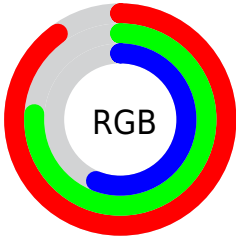
Format	Color
R _Y B	209, 230, 144
Decimal	15122832
CIE Lab	80.17, 6.49, 29.60
CIE LCh	80, 30.304, 77.627
Yxy	56.9765, 0.3831, 0.3847
Android (android.graphics.Color)	4293312912 (0xFFE6C190)
YUV	198.4770, -26.8572, 27.6457
Hunter-Lab	75.4828, 2.0815, 25.8252

Details

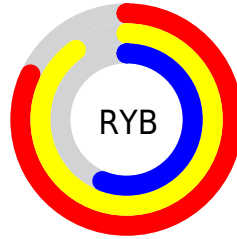
The Yxy color **56.9765, 0.3831, 0.3847** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6928, 0.2514, 0.2656**, and the grayscale version is **56.9287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0886, 0.3478, 0.3795**, and **28.4307, 0.4006, 0.3984** is the 20% darker color. If you saturate the color by 10%, you get **52.1157, 0.4064, 0.3993**, and if you desaturate by 10%, it is **62.2788, 0.3615, 0.3694**.

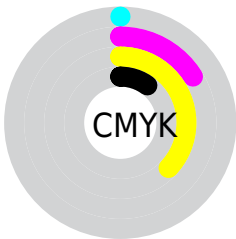
Distribution



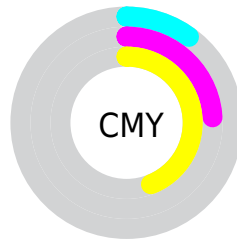
- Red (90%)
- Green (76%)
- Blue (56%)



- Red (82%)
- Yellow (90%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9765, 0.3831, 0.3847 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 56.9765, 0.3831, 0.3847 by changing the saturation by 10% instead.


 56.9765, 0.3831,
0.3847

 56.9765, 0.3831,
0.3847


413.3612, 0.3492,
0.3586

 40.9864, 0.3911,
0.3906


 100.4309, 0.3711,
0.3757

 28.3084, 0.4009,
0.3978


 128.6640, 0.3666,
0.3722

 18.5583, 0.4135,
0.4067


161.7468, 0.3626,
0.3691

 11.3516, 0.4299,
0.4178

200.0638, 0.3592,
0.3665

 6.3038, 0.4518,
0.4317

243.9993, 0.3562,
0.3642

 3.0307, 0.4897,
0.4559

293.9378, 0.3536,

 1.1478, 0.5292,

0.3621

0.4708

350.2637, 0.3513,
0.3603

■ 0.0184, 0.9053,
0.0947

■ 0.0000, 0.0000,
0.0000

■ 56.9765, 0.3831,
0.3847

■ 56.9765, 0.3831,
0.3847

■ 52.1157, 0.4064,
0.3993

■ 62.2788, 0.3615,
0.3694

■ 47.6738, 0.4309,
0.4123

■ 68.0281, 0.3419,
0.3542

■ 43.6381, 0.4556,
0.4225

■ 74.2398, 0.3244,
0.3394

■ 39.9914, 0.4792,
0.4286

■ 80.9262, 0.3089,
0.3255

■ 36.7146, 0.5003,
0.4296

■ 87.8384, 0.2975,
0.3164

■ 33.7839, 0.5178,
0.4252

■ 93.9058, 0.2975,
0.3264

■ 33.0696, 0.5221,
0.4236

■ 95.5649, 0.2976,
0.3290

Harmonies

Analogous

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



56.9765, 0.3918, 0.3568



56.9765, 0.3831, 0.3847



56.9765, 0.3552, 0.3997

Triad

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



56.9765, 0.3831, 0.3847



56.9765, 0.2513, 0.3284



56.9765, 0.3044, 0.2735

Complementary

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



56.9765, 0.3831, 0.3847



44.6928, 0.2514, 0.2656

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.



56.9765, 0.2687, 0.2647



56.9765, 0.3831, 0.3847



56.9765, 0.2396, 0.2933

Square

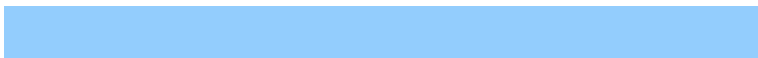
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9765, 0.3831, 0.3847



56.9765, 0.2791, 0.3667



56.9765, 0.2457, 0.2711



56.9765, 0.3447, 0.2949

Rectangle

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



56.9765, 0.3831, 0.3847



56.9765, 0.3302, 0.3984



56.9765, 0.2457, 0.2711



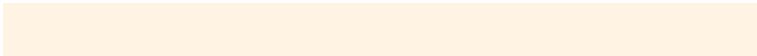
56.9765, 0.2915, 0.2690

Sweetspot

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



56.9792, 0.3831, 0.3847



90.8632, 0.3306, 0.3447



40.1175, 0.3641, 0.2865



19.2183, 0.3329, 0.3467



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.



56.9792, 0.3831, 0.3847



67.1239, 0.4013, 0.3963



74.5052, 0.3644, 0.4232



15.7242, 0.3278, 0.3424



18.9676, 0.5201, 0.4253



1.5853, 0.5014, 0.4401

Inverse Universe

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



44.6928, 0.2514, 0.2656



49.4811, 0.2381, 0.2494



32.1176, 0.2485, 0.2170



14.9019, 0.2981, 0.3152



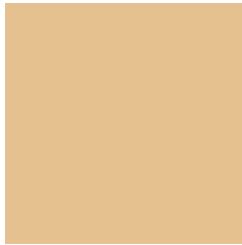
8.5147, 0.1711, 0.1358



0.8107, 0.1790, 0.1642

Previews

White Background



This preview shows how the Yxy color 56.9765, 0.3831, 0.3847 looks on a white background.

Color Contrast Check

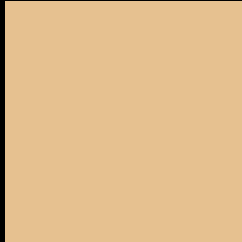
Large Text (above 18pt) WCAG AA × Fail

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 56.9765, 0.3831, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

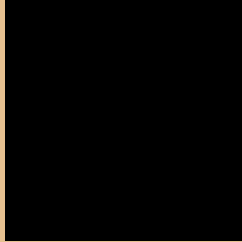
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9765, 0.3831, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 56.9765, 0.3831, 0.3847.



This preview shows how white text looks on a background with the Yxy color 56.9765, 0.3831, 0.3847.

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

56.9765, 0.3831, 0.3847

Protanopia

57.2496, 0.3646, 0.3908

Deuteranopia

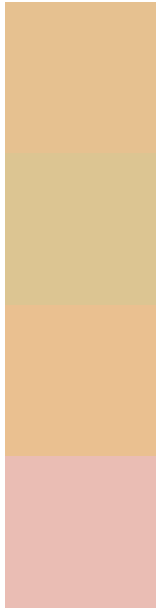
57.1081, 0.3891, 0.3815



Tritanopia

57.1208, 0.3437, 0.3137

Trichromacy



Original Color

56.9765, 0.3831, 0.3847

Protanomaly

57.2235, 0.3713, 0.3886

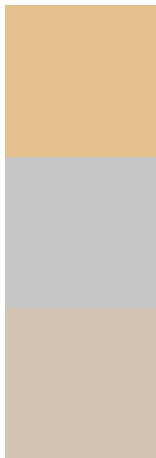
Deuteranomaly

57.2053, 0.3870, 0.3829

Tritanomaly

57.1829, 0.3581, 0.3392

Monochromacy



Original Color

56.9765, 0.3831, 0.3847

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3958, 0.3378, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9765, 0.3831, 0.3847 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, 193, 144)` looks like.

```
.text, #text, p{  
    color:rgb(230, 193, 144)  
}
```

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, 193, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 193, 144) }
```

Border

The CSS property to change the border of an element to Yxy 56.9765, 0.3831, 0.3847 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, 193, 144) }
```

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

```
.border{ border-color:rgb(230, 193, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 193, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 193, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 193, 144);  
box-shadow:4px 4px 4px 4px rgb(230, 193,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9765, 0.3831, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 193, 144) }
```

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

```
.background{ background-color: rgb(230,  
193, 144) }
```

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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