

Converting Colors

$Yxy(56.6304, 0.3807, 0.3823)$

Have a look what the booklet for
Yxy(56.6304, 0.3807, 0.3823)
contains.

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Color

Yxy(56.8733, 0.3806, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	E5C192
RGB	229, 193, 146
RGB Percent	90%, 76%, 57%
CMY	0.1019, 0.2431, 0.4273
CMYK	0.00, 0.16, 0.36, 0.10
HSL	34°, 61%, 74%
HSV	34°, 36%, 90%
XYZ	56.5760, 56.8733, 35.2002
YIQ	198.4060, 36.5430, -6.9850

Conversions

Conversions Part 2

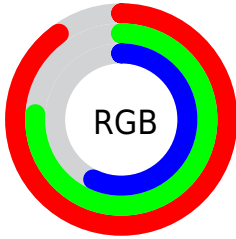
Format	Color
R _Y B	210, 229, 146
Decimal	15057298
CIE Lab	80.11, 6.34, 28.44
CIE LCh	80, 29.137, 77.435
Yxy	56.8733, 0.3806, 0.3826
Android (android.graphics.Color)	4293247378 (0xFFE5C192)
YUV	198.4060, -25.8362, 26.8309
Hunter-Lab	75.4144, 1.9358, 25.1160

Details

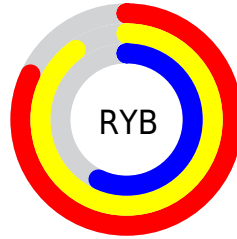
The Yxy color **56.8733, 0.3806, 0.3826** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2438, 0.2535, 0.2683**, and the grayscale version is **56.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1815, 0.3465, 0.3775**, and **28.3530, 0.3974, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **51.9854, 0.4038, 0.3973**, and if you desaturate by 10%, it is **62.2045, 0.3592, 0.3674**.

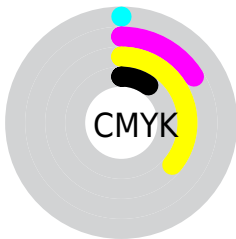
Distribution



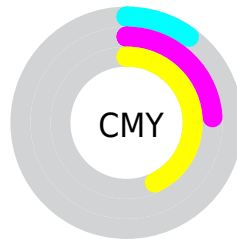
- Red (90%)
- Green (76%)
- Blue (57%)



- Red (82%)
- Yellow (90%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (10%)




- Cyan (10%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8733, 0.3806, 0.3826 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 56.8733, 0.3806, 0.3826 by changing the saturation by 10% instead.

 56.8733, 0.3806,
0.3826


 56.8733, 0.3806,
0.3826


412.9744, 0.3479,
0.3575

 40.9035, 0.3883,
0.3883


 100.2803, 0.3690,
0.3739

 28.2437, 0.3979,
0.3953


 128.4863, 0.3646,
0.3705

 18.5095, 0.4101,
0.4039


161.5398, 0.3608,
0.3676

 11.3164, 0.4262,
0.4149

199.8253, 0.3575,
0.3650

 6.2800, 0.4477,
0.4287

243.7271, 0.3547,
0.3628

 3.0161, 0.4835,
0.4513

293.6296, 0.3521,

 1.1401, 0.5284,

0.3608

0.4716

349.9172, 0.3499,
0.3591

0.0120, 0.9327,
0.0673

0.0000, 0.0000,
0.0000

56.8733, 0.3806,
0.3826

56.8733, 0.3806,
0.3826

51.9854, 0.4038,
0.3973

62.2045, 0.3592,
0.3674

47.5187, 0.4283,
0.4104


67.9847, 0.3398,
0.3523


43.4603, 0.4532,
0.4209


74.2291, 0.3225,
0.3377

39.7933, 0.4772,
0.4274


80.9499, 0.3072,
0.3239

 36.4990, 0.4988,
0.4290

 87.7971, 0.2968,
0.3166

 33.5551, 0.5169,
0.4251

 93.8976, 0.2970,
0.3266

 32.5266, 0.5232,
0.4228

 95.4001, 0.2970,
0.3290

Harmonies

Analogous

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



56.8733, 0.3887, 0.3558



56.8733, 0.3806, 0.3826



56.8733, 0.3539, 0.3969

Triad

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



56.8733, 0.3806, 0.3826



56.8733, 0.2537, 0.3287



56.8733, 0.3046, 0.2754

Complementary

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



56.8733, 0.3806, 0.3826



45.2438, 0.2535, 0.2683

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.



56.8733, 0.2701, 0.2670



56.8733, 0.3806, 0.3826



56.8733, 0.2422, 0.2950

Square

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



56.8733, 0.3806, 0.3826



56.8733, 0.2806, 0.3654



56.8733, 0.2480, 0.2733



56.8733, 0.3433, 0.2960

Rectangle

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



56.8733, 0.3806, 0.3826



56.8733, 0.3299, 0.3957



56.8733, 0.2480, 0.2733



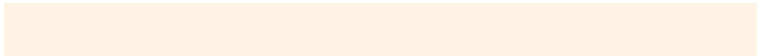
56.8733, 0.2921, 0.2711

Sweetspot

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



56.8759, 0.3806, 0.3826



90.8010, 0.3306, 0.3446



40.6606, 0.3605, 0.2863



19.2034, 0.3329, 0.3466



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.



56.8759, 0.3806, 0.3826



68.1422, 0.3967, 0.3930



74.1075, 0.3640, 0.4200



15.7150, 0.3278, 0.3423



18.8386, 0.5211, 0.4244



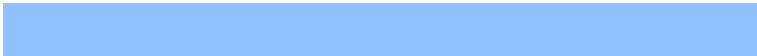
1.5761, 0.5022, 0.4394

Inverse Universe

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



45.2438, 0.2535, 0.2683



51.3828, 0.2416, 0.2541



32.7247, 0.2498, 0.2207



14.9109, 0.2981, 0.3153



8.6074, 0.1714, 0.1369



0.8179, 0.1793, 0.1653

Previews

White Background



This preview shows how the Yxy color 56.8733, 0.3806, 0.3826 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 56.8733, 0.3806, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

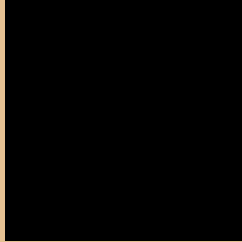
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8733, 0.3806, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 56.8733, 0.3806, 0.3826.



This preview shows how white text looks on a background with the Yxy color 56.8733, 0.3806, 0.3826.

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

56.8733, 0.3806, 0.3826

Protanopia

57.1311, 0.3630, 0.3898

Deuteranopia

57.0304, 0.3858, 0.3783



Tritanopia

56.9501, 0.3429, 0.3137

Trichromacy



Original Color

56.8733, 0.3806, 0.3826

Protanomaly

57.0992, 0.3696, 0.3876

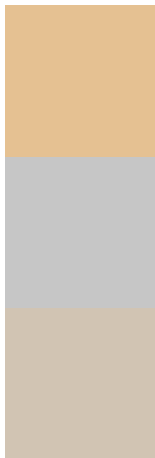
Deuteranomaly

57.1295, 0.3837, 0.3798

Tritanomaly

57.0141, 0.3572, 0.3392

Monochromacy



Original Color

56.8733, 0.3806, 0.3826

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2898, 0.3362, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8733, 0.3806, 0.3826 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(229, 193, 146)` looks like.

```
.text, #text, p{  
    color:rgb(229, 193, 146)  
}
```

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(229, 193, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 193, 146) }
```

Border

The CSS property to change the border of an element to Yxy 56.8733, 0.3806, 0.3826 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(229, 193, 146) }
```

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

```
.border{ border-color:rgb(229, 193, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 193, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 193, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 193, 146);  
box-shadow:4px 4px 4px 4px rgb(229, 193,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8733, 0.3806, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 193, 146) }
```

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

```
.background{ background-color: rgb(229,  
193, 146) }
```

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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