

Converting Colors

$Yxy(56.8683, 0.3757, 0.3771)$

Have a look what the booklet for
Yxy(56.8683, 0.3757, 0.3771)
contains.

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Color

Yxy(56.8683, 0.3757, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	E4C197
RGB	228, 193, 151
RGB Percent	89%, 76%, 59%
CMY	0.1058, 0.2432, 0.4077
CMYK	0.00, 0.15, 0.34, 0.11
HSL	33°, 59%, 74%
HSV	33°, 34%, 89%
XYZ	56.6572, 56.8683, 37.2788
YIQ	198.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

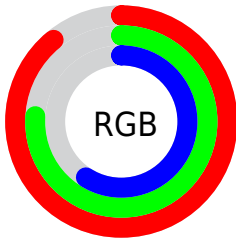
Format	Color
R_{YB}	215, 228, 151
Decimal	14991767
CIE _{Lab}	80.11, 6.55, 25.78
CIE _{LCh}	80, 26.604, 75.742
Yxy	56.8683, 0.3757, 0.3771
Android (android.graphics.Color)	4293181847 (0xFFE4C197)
YUV	198.6770, -23.5048, 25.7163
Hunter-Lab	75.4111, 2.1396, 23.4782

Details

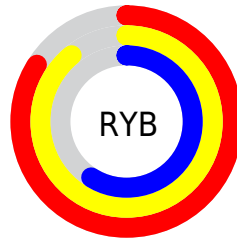
The Yxy color **56.8683, 0.3757, 0.3771** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3230, 0.2580, 0.2753**, and the grayscale version is **57.0398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4191, 0.3434, 0.3725**, and **28.3342, 0.3909, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **51.7739, 0.3990, 0.3915**, and if you desaturate by 10%, it is **62.4329, 0.3544, 0.3624**.

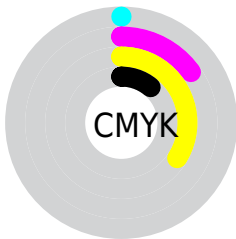
Distribution



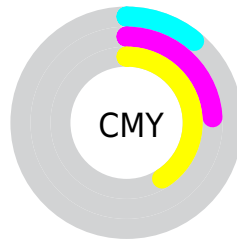
- Red (89%)
- Green (76%)
- Blue (59%)



- Red (84%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8683, 0.3757, 0.3771 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 56.8683, 0.3757, 0.3771 by changing the saturation by 10% instead.


 56.8683, 0.3757,
0.3771

 56.8683, 0.3757,
0.3771


412.9556, 0.3453,
0.3545

 40.8995, 0.3829,
0.3823


 100.2730, 0.3649,
0.3692

 28.2406, 0.3919,
0.3886


 128.4777, 0.3608,
0.3662

 18.5071, 0.4035,
0.3965


161.5298, 0.3573,
0.3636

 11.3147, 0.4187,
0.4066

199.8138, 0.3542,
0.3613

 6.2789, 0.4395,
0.4196

243.7139, 0.3515,
0.3593

 3.0154, 0.4715,
0.4383

293.6147, 0.3492,

 1.1398, 0.5297,

0.3575

0.4703

349.9005, 0.3471,
0.3559

0.0117, 0.9361,
0.0639

0.0000, 0.0000,
0.0000

56.8683, 0.3757,
0.3771

56.8683, 0.3757,
0.3771

51.7739, 0.3990,
0.3915

62.4329, 0.3544,
0.3624

47.1269, 0.4239,
0.4046

68.4739, 0.3354,
0.3479

42.9142, 0.4496,
0.4154

75.0070, 0.3185,
0.3340

39.1185, 0.4749,
0.4226

82.0450, 0.3037,
0.3210

■ 35.7205, 0.4983,
0.4250

■ 88.9365, 0.2963,
0.3188

■ 32.6985, 0.5184,
0.4220

■ 95.2373, 0.2964,
0.3290

■ 30.9872, 0.5293,
0.4179

Harmonies

Analogous

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



56.8683, 0.3819, 0.3523



56.8683, 0.3757, 0.3771



56.8683, 0.3522, 0.3907

Triad

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



56.8683, 0.3757, 0.3771



56.8683, 0.2597, 0.3309



56.8683, 0.3034, 0.2789

Complementary

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



56.8683, 0.3757, 0.3771



47.3230, 0.2580, 0.2753

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.



56.8683, 0.2723, 0.2720



56.8683, 0.3757, 0.3771



56.8683, 0.2482, 0.2996

Square

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



56.8683, 0.3757, 0.3771



56.8683, 0.2852, 0.3638



56.8683, 0.2526, 0.2788



56.8683, 0.3388, 0.2974

Rectangle

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



56.8683, 0.3757, 0.3771



56.8683, 0.3306, 0.3901



56.8683, 0.2526, 0.2788



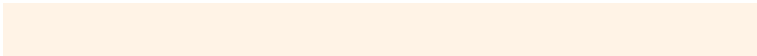
56.8683, 0.2921, 0.2752

Sweetspot

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



56.8709, 0.3757, 0.3771



91.2862, 0.3289, 0.3427



42.2248, 0.3548, 0.2879



19.2881, 0.3314, 0.3446



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.



56.8709, 0.3757, 0.3771



68.3164, 0.3930, 0.3879



73.8140, 0.3616, 0.4136



15.6635, 0.3279, 0.3418



18.1297, 0.5272, 0.4196



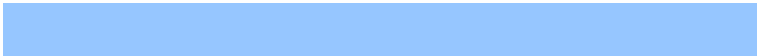
1.5249, 0.5072, 0.4355

Inverse Universe

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



47.3230, 0.2580, 0.2753



54.1388, 0.2454, 0.2610



34.5741, 0.2539, 0.2290



14.9617, 0.2981, 0.3158



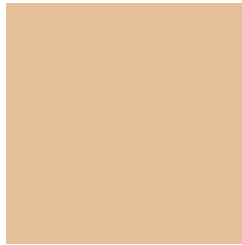
9.1487, 0.1732, 0.1435



0.8598, 0.1809, 0.1713

Previews

White Background



This preview shows how the Yxy color 56.8683, 0.3757, 0.3771 looks on a white background.

Color Contrast Check

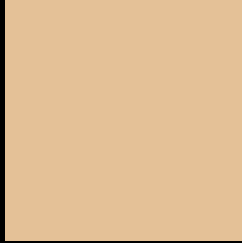
Large Text (above 18pt) WCAG AA × Fail

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 56.8683, 0.3757, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

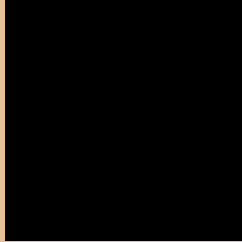
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8683, 0.3757, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 56.8683, 0.3757, 0.3771.



This preview shows how white text looks on a background with the Yxy color 56.8683, 0.3757, 0.3771.

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

56.8683, 0.3757, 0.3771

Protanopia

57.1770, 0.3575, 0.3828

Deuteranopia

56.9884, 0.3817, 0.3741



Tritanopia

56.6585, 0.3403, 0.3125

Trichromacy



Original Color

56.8683, 0.3757, 0.3771

Protanomaly

57.1378, 0.3641, 0.3808

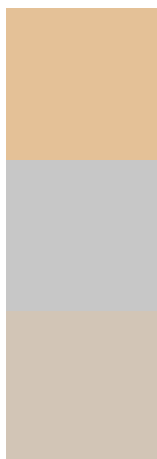
Deuteranomaly

57.0894, 0.3796, 0.3754

Tritanomaly

56.8030, 0.3530, 0.3359

Monochromacy



Original Color

56.8683, 0.3757, 0.3771

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0115, 0.3346, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8683, 0.3757, 0.3771 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(228, 193, 151)` looks like.

```
.text, #text, p{  
  color:rgb(228, 193, 151)  
}
```

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(228, 193, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 151) }
```

Border

The CSS property to change the border of an element to Yxy 56.8683, 0.3757, 0.3771 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(228, 193, 151) }
```

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

```
.border{ border-color:rgb(228, 193, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 193, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 193, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 193, 151);  
box-shadow:4px 4px 4px 4px rgb(228, 193,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8683, 0.3757, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 151) }
```

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

```
.background{ background-color: rgb(228,  
193, 151) }
```

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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