

Converting Colors

Yxy(57.0003, 0.3762, 0.3731)

Have a look what the booklet for
Yxy(57.0003, 0.3762, 0.3731)
contains.

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Color

Yxy(56.9881, 0.3770, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	E7C099
RGB	231, 192, 153
RGB Percent	91%, 75%, 60%
CMY	0.0942, 0.2470, 0.3998
CMYK	0.00, 0.17, 0.34, 0.09
HSL	30°, 62%, 75%
HSV	30°, 34%, 91%
XYZ	57.5529, 56.9881, 38.1193
YIQ	199.2150, 35.7630, -3.8610

Conversions

Conversions Part 2

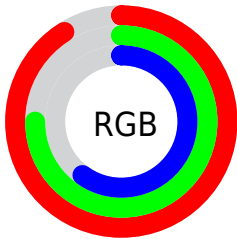
Format	Color
R _Y B	231, 231, 153
Decimal	15188121
CIE Lab	80.17, 8.47, 24.86
CIE LCh	80, 26.259, 71.189
Yxy	56.9881, 0.3770, 0.3733
Android (android.graphics.Color)	4293378201 (0xFFE7C099)
YUV	199.2150, -22.7840, 27.8754
Hunter-Lab	75.4905, 3.9778, 22.9045

Details

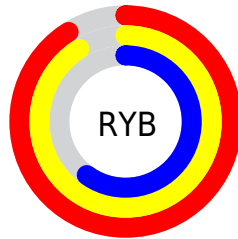
The Yxy color **56.9881, 0.3770, 0.3733** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.2496, 0.2586, 0.2799**, and the grayscale version is **57.3798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9489, 0.3417, 0.3685**, and **28.4232, 0.3929, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **51.4247, 0.4014, 0.3866**, and if you desaturate by 10%, it is **63.1026, 0.3551, 0.3597**.

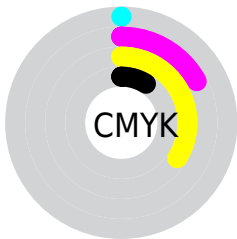
Distribution



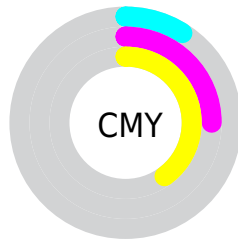
- Red (91%)
- Green (75%)
- Blue (60%)



- Red (91%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9881, 0.3770, 0.3733 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 56.9881, 0.3770, 0.3733 by changing the saturation by 10% instead.


 56.9881, 0.3770,
0.3733


 56.9881, 0.3770,
0.3733


413.4047, 0.3459,
0.3526

 40.9957, 0.3844,
0.3780


 100.4478, 0.3660,
0.3661

 28.3157, 0.3937,
0.3837

 128.6839, 0.3617,
0.3633

 18.5638, 0.4056,
0.3908


161.7700, 0.3581,
0.3609

 11.3555, 0.4213,
0.3998

200.0906, 0.3550,
0.3588

 6.3065, 0.4430,
0.4113

244.0299, 0.3523,
0.3570

 3.0323, 0.4755,
0.4269

293.9725, 0.3499,

 1.1486, 0.5415,

0.3554

0.4585

350.3026, 0.3478,
0.3539

0.0191, 0.9216,
0.0784

0.0000, 0.0000,
0.0000

56.9881, 0.3770,
0.3733

56.9881, 0.3770,
0.3733

51.4247, 0.4014,
0.3866

63.1026, 0.3551,
0.3597

46.3868, 0.4277,
0.3987

69.7770, 0.3356,
0.3463

41.8583, 0.4553,
0.4085

77.0296, 0.3185,
0.3336

37.8187, 0.4828,
0.4147

84.8756, 0.3036,
0.3216

■ 34.2456, 0.5086,
0.4161

■ 92.4271, 0.2981,
0.3237

■ 31.1134, 0.5307,
0.4120

■ 95.7262, 0.2981,
0.3290

■ 29.3589, 0.5428,
0.4072

Harmonies

Analogous

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



56.9881, 0.3801, 0.3478



56.9881, 0.3770, 0.3733



56.9881, 0.3561, 0.3888

Triad

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



56.9881, 0.3770, 0.3733



56.9881, 0.2634, 0.3360



56.9881, 0.2984, 0.2777

Complementary

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



56.9881, 0.3770, 0.3733



50.2496, 0.2586, 0.2799

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.



56.9881, 0.2690, 0.2728



56.9881, 0.3770, 0.3733



56.9881, 0.2497, 0.3042

Square

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



56.9881, 0.3770, 0.3733



56.9881, 0.2903, 0.3677



56.9881, 0.2517, 0.2818



56.9881, 0.3333, 0.2944

Rectangle

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



56.9881, 0.3770, 0.3733



56.9881, 0.3355, 0.3901



56.9881, 0.2517, 0.2818



56.9881, 0.2876, 0.2746

Sweetspot

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



56.9907, 0.3770, 0.3733



90.5979, 0.3290, 0.3415



43.6454, 0.3510, 0.2837



19.1216, 0.3315, 0.3434



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.



56.9907, 0.3770, 0.3733



66.7445, 0.3925, 0.3820



75.7058, 0.3639, 0.4118



15.5526, 0.3280, 0.3408



16.7100, 0.5403, 0.4092



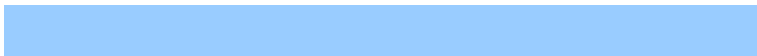
1.4206, 0.5180, 0.4269

Inverse Universe

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



50.2496, 0.2586, 0.2799



57.1792, 0.2480, 0.2687



35.7674, 0.2521, 0.2302



15.0719, 0.2981, 0.3169



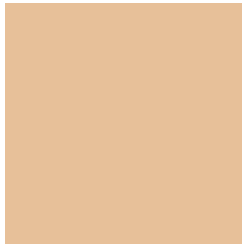
10.4216, 0.1773, 0.1582



0.9559, 0.1846, 0.1846

Previews

White Background



This preview shows how the Yxy color 56.9881, 0.3770, 0.3733 looks on a white background.

Color Contrast Check

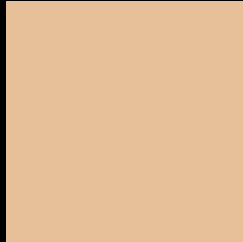
Large Text (above 18pt) WCAG AA × Fail

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 56.9881, 0.3770, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

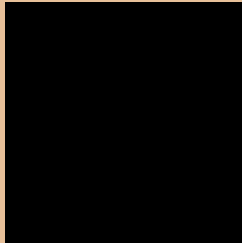
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9881, 0.3770, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 56.9881, 0.3770, 0.3733.



This preview shows how white text looks on a background with the Yxy color 56.9881, 0.3770, 0.3733.

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

56.9881, 0.3770, 0.3733

Protanopia

57.2442, 0.3560, 0.3804

Deuteranopia

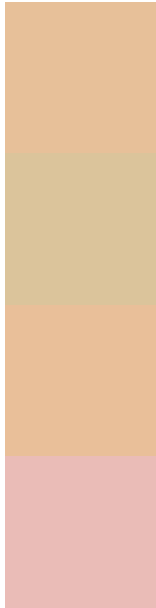
57.0539, 0.3800, 0.3718



Tritanopia

57.1208, 0.3437, 0.3137

Trichromacy



Original Color

56.9881, 0.3770, 0.3733

Protanomaly

56.9065, 0.3637, 0.3772

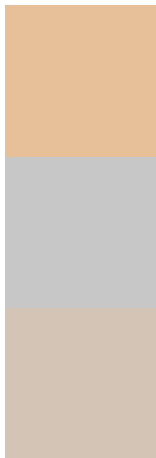
Deuteranomaly

56.8851, 0.3792, 0.3720

Tritanomaly

56.8778, 0.3558, 0.3347

Monochromacy



Original Color

56.9881, 0.3770, 0.3733

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7061, 0.3355, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9881, 0.3770, 0.3733 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(231, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(231, 192, 153)  
}
```

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(231, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 192, 153) }
```

Border

The CSS property to change the border of an element to Yxy 56.9881, 0.3770, 0.3733 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(231, 192, 153) }
```

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

```
.border{ border-color:rgb(231, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(231, 192,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9881, 0.3770, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 192, 153) }
```

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

```
.background{ background-color: rgb(231,  
192, 153) }
```

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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