

Converting Colors

$Y_{xy}(57.1651, 0.3826, 0.3739)$

Have a look what the booklet for
Yxy(57.1651, 0.3826, 0.3739)
contains.

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Color

Yxy(57.1581, 0.3825, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	EBBF97
RGB	235, 191, 151
RGB Percent	92%, 75%, 59%
CMY	0.0785, 0.2509, 0.4077
CMYK	0.00, 0.19, 0.36, 0.08
HSL	29°, 68%, 76%
HSV	29°, 36%, 92%
XYZ	58.4728, 57.1581, 37.2391
YIQ	199.5960, 39.0640, -3.1120

Conversions

Conversions Part 2

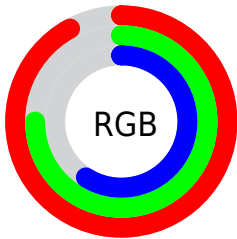
Format	Color
R _Y B	235, 227, 151
Decimal	15450007
CIE Lab	80.27, 10.30, 26.11
CIE LCh	80, 28.072, 68.480
Yxy	57.1581, 0.3825, 0.3739
Android (android.graphics.Color)	4293640087 (0xFFEBBF97)
YUV	199.5960, -23.9578, 31.0493
Hunter-Lab	75.6030, 5.7501, 23.7181

Details

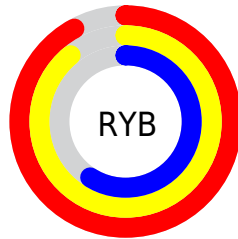
The Yxy color **57.1581, 0.3825, 0.3739** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.6020, 0.2556, 0.2791**, and the grayscale version is **57.6308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1893, 0.3438, 0.3706**, and **28.5620, 0.4003, 0.3844** is the 20% darker color. If you saturate the color by 10%, you get **51.3279, 0.4079, 0.3865**, and if you desaturate by 10%, it is **63.5967, 0.3596, 0.3609**.

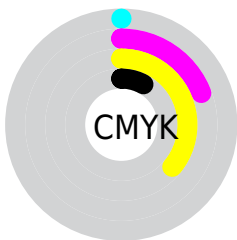
Distribution



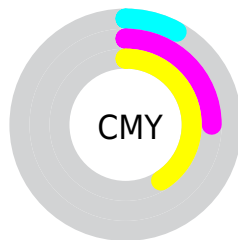
- Red (92%)
- Green (75%)
- Blue (59%)



- Red (92%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1581, 0.3825, 0.3739 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 57.1581, 0.3825, 0.3739 by changing the saturation by 10% instead.


 57.1581, 0.3825,
0.3739


 57.1581, 0.3825,
0.3739


414.0415, 0.3487,
0.3531

 41.1322, 0.3905,
0.3785


 100.6958, 0.3705,
0.3668

 28.4224, 0.4005,
0.3842


 128.9765, 0.3659,
0.3640

 18.6443, 0.4134,
0.3911


162.1108, 0.3620,
0.3615

 11.4135, 0.4304,
0.3997

200.4832, 0.3586,
0.3594

 6.3457, 0.4536,
0.4104

244.4780, 0.3557,
0.3576

 3.0564, 0.4891,
0.4250

294.4798, 0.3531,

 1.1613, 0.5524,

0.3559

0.4476

350.8728, 0.3508,
0.3545

0.0297, 0.9039,
0.0961

0.0000, 0.0000,
0.0000

57.1581, 0.3825,
0.3739

57.1581, 0.3825,
0.3739

51.3279, 0.4079,
0.3865

63.5967, 0.3596,
0.3609

46.0779, 0.4355,
0.3976

70.6547, 0.3394,
0.3480

41.3894, 0.4642,
0.4063

78.3528, 0.3218,
0.3357

37.2390, 0.4927,
0.4111

86.7081, 0.3064,
0.3242

■ 33.6011, 0.5191,
0.4109

■ 94.8359, 0.3005,
0.3265

■ 30.4461, 0.5414,
0.4051

■ 96.3977, 0.3005,
0.3290

■ 29.2305, 0.5500,
0.4015

Harmonies

Analogous

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



57.1581, 0.3840, 0.3461



57.1581, 0.3825, 0.3739



57.1581, 0.3615, 0.3920

Triad

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



57.1581, 0.3825, 0.3739



57.1581, 0.2622, 0.3396



57.1581, 0.2942, 0.2735

Complementary

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



57.1581, 0.3825, 0.3739



51.6020, 0.2556, 0.2791

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.



57.1581, 0.2639, 0.2695



57.1581, 0.3825, 0.3739



57.1581, 0.2463, 0.3051

Square

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



57.1581, 0.3825, 0.3739



57.1581, 0.2918, 0.3731



57.1581, 0.2470, 0.2802



57.1581, 0.3313, 0.2902

Rectangle

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



57.1581, 0.3825, 0.3739



57.1581, 0.3400, 0.3947



57.1581, 0.2470, 0.2802



57.1581, 0.2829, 0.2706

Sweetspot

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



57.1608, 0.3825, 0.3739



89.3071, 0.3309, 0.3422



43.7755, 0.3527, 0.2794



18.8475, 0.3333, 0.3439



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.



57.1608, 0.3825, 0.3739



63.5124, 0.4012, 0.3834



77.7050, 0.3674, 0.4153



16.2377, 0.3281, 0.3403



16.5243, 0.5474, 0.4035



1.4891, 0.5251, 0.4213

Inverse Universe

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



51.6020, 0.2556, 0.2791



55.8741, 0.2437, 0.2665



35.6315, 0.2482, 0.2251



15.8543, 0.2981, 0.3175



11.4879, 0.1794, 0.1660



1.0946, 0.1862, 0.1902

Previews

White Background



This preview shows how the Yxy color 57.1581, 0.3825, 0.3739 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 57.1581, 0.3825, 0.3739 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 57.1581, 0.3825, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 57.1581, 0.3825, 0.3739.



This preview shows how white text looks on a background with the Yxy color 57.1581, 0.3825, 0.3739.

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

57.1581, 0.3825, 0.3739

Protanopia

57.3595, 0.3576, 0.3814

Deuteranopia

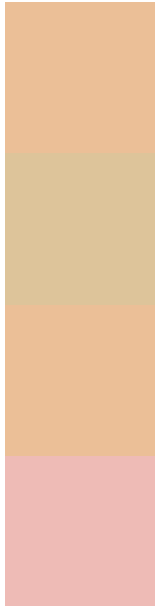
57.1581, 0.3825, 0.3739



Tritanopia

57.3467, 0.3481, 0.3139

Trichromacy



Original Color

57.1581, 0.3825, 0.3739

Protanomaly

57.1851, 0.3662, 0.3780

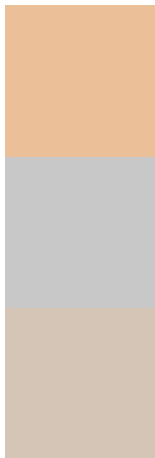
Deuteranomaly

57.1581, 0.3825, 0.3739

Tritanomaly

57.0952, 0.3603, 0.3347

Monochromacy



Original Color

57.1581, 0.3825, 0.3739

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4560, 0.3370, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1581, 0.3825, 0.3739 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(235, 191, 151)` looks like.

```
.text, #text, p{  
    color:rgb(235, 191, 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(235, 191, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 191, 151) }
```

Border

The CSS property to change the border of an element to Yxy 57.1581, 0.3825, 0.3739 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(235, 191, 151) }
```

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

```
.border{ border-color:rgb(235, 191, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 191, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 191, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 191, 151);  
box-shadow:4px 4px 4px 4px rgb(235, 191,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1581, 0.3825, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 191, 151) }
```

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

```
.background{ background-color: rgb(235,  
191, 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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