

Converting Colors

$Y_{xy}(55.0619, 0.3836, 0.3758)$

Have a look what the booklet for
Yxy(55.0619, 0.3836, 0.3758)
contains.

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Color

Yxy(55.0619, 0.3836, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	E7BC93
RGB	231, 188, 147
RGB Percent	91%, 74%, 58%
CMY	0.0941, 0.2627, 0.4237
CMYK	0.00, 0.19, 0.36, 0.09
HSL	29°, 64%, 74%
HSV	29°, 36%, 91%
XYZ	56.2047, 55.0619, 35.2525
YIQ	196.1830, 38.7890, -3.6350

Conversions

Conversions Part 2

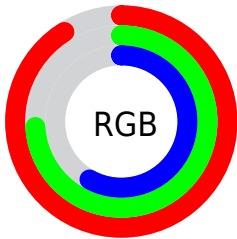
Format	Color
R_{YB}	231, 227, 147
Decimal	15187091
CIE _{Lab}	79.08, 9.86, 26.59
CIE _{LCh}	79, 28.363, 69.652
Yxy	55.0619, 0.3836, 0.3758
Android (android.graphics.Color)	4293377171 (0xFFE7BC93)
YUV	196.1830, -24.2472, 30.5345
Hunter-Lab	74.2037, 5.3463, 23.7753

Details

The Yxy color **55.0619, 0.3836, 0.3758** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7823, 0.2544, 0.2767**, and the grayscale version is **55.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1784, 0.3469, 0.3718**, and **27.1711, 0.4020, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **49.5654, 0.4088, 0.3886**, and if you desaturate by 10%, it is **61.1228, 0.3608, 0.3625**.

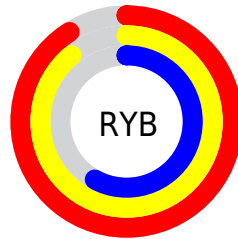
Distribution



Red (91%)

Green (74%)

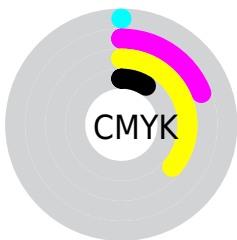
Blue (58%)



Red (91%)

Yellow (89%)

Blue (58%)

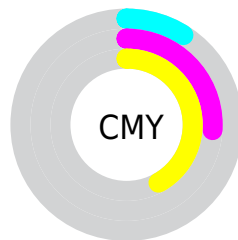


Cyan (0%)

Magenta (19%)

Yellow (36%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0619, 0.3836, 0.3758 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 55.0619, 0.3836, 0.3758 by changing the saturation by 10% instead.


 55.0619, 0.3836,
0.3758


 55.0619, 0.3836,
0.3758

406.1465, 0.3491,
0.3540

 39.4513, 0.3918,
0.3807

 97.6316, 0.3713,
0.3683

 27.1110, 0.4021,
0.3867


 125.3596, 0.3666,
0.3653

 17.6566, 0.4154,
0.3940


157.8954, 0.3626,
0.3628

 10.7037, 0.4330,
0.4032

195.6234, 0.3592,
0.3606

 5.8680, 0.4570,
0.4145

238.9282, 0.3562,
0.3586

 2.7650, 0.4978,
0.4333

288.1941, 0.3535,

 1.0103, 0.5526,

0.3569

0.4474

343.8054, 0.3512,
0.3554

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0619, 0.3836,
0.3758

55.0619, 0.3836,
0.3758

49.5654, 0.4088,
0.3886

61.1228, 0.3608,
0.3625

44.6070, 0.4360,
0.3999

67.7580, 0.3406,
0.3493

40.1693, 0.4643,
0.4086

74.9867, 0.3228,
0.3367

36.2306, 0.4921,
0.4134

82.8247, 0.3074,
0.3248

■ 32.7671, 0.5176,
0.4132

■ 90.7971, 0.2981,
0.3211

■ 29.7510, 0.5391,
0.4074

■ 95.7308, 0.2982,
0.3290

■ 28.7583, 0.5463,
0.4045

Harmonies

Analogous

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



55.0619, 0.3860, 0.3476



55.0619, 0.3836, 0.3758



55.0619, 0.3615, 0.3938

Triad

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



55.0619, 0.3836, 0.3758



55.0619, 0.2602, 0.3384



55.0619, 0.2951, 0.2727

Complementary

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



55.0619, 0.3836, 0.3758



48.7823, 0.2544, 0.2767

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.



55.0619, 0.2638, 0.2681



55.0619, 0.3836, 0.3758



55.0619, 0.2446, 0.3033

Square

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



55.0619, 0.3836, 0.3758



55.0619, 0.2899, 0.3730



55.0619, 0.2459, 0.2783



55.0619, 0.3332, 0.2903

Rectangle

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



55.0619, 0.3836, 0.3758



55.0619, 0.3392, 0.3962



55.0619, 0.2459, 0.2783



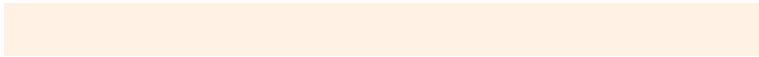
55.0619, 0.2835, 0.2696

Sweetspot

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



55.0645, 0.3836, 0.3758



89.5054, 0.3308, 0.3425



41.5806, 0.3551, 0.2800



18.8947, 0.3333, 0.3443



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

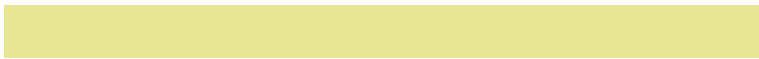
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.0645, 0.3836, 0.3758



63.4381, 0.4032, 0.3859



75.4731, 0.3678, 0.4180



15.5241, 0.3280, 0.3405



16.3675, 0.5438, 0.4065



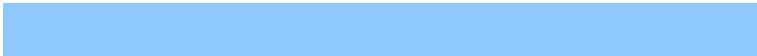
1.3950, 0.5208, 0.4247

Inverse Universe

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



48.7823, 0.2544, 0.2767



54.4477, 0.2418, 0.2631



33.2629, 0.2466, 0.2211



15.1005, 0.2981, 0.3172



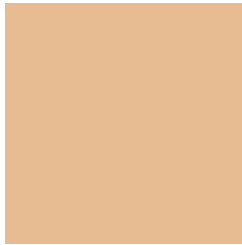
10.7739, 0.1784, 0.1621



0.9820, 0.1856, 0.1881

Previews

White Background



This preview shows how the Yxy color 55.0619, 0.3836, 0.3758 looks on a white background.

Color Contrast Check

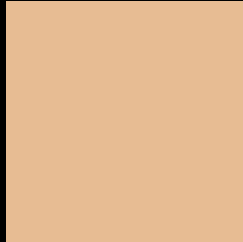
Large Text (above 18pt) WCAG AA × Fail

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 55.0619, 0.3836, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

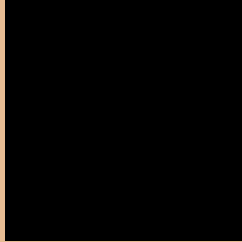
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0619, 0.3836, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 55.0619, 0.3836, 0.3758.



This preview shows how white text looks on a background with the Yxy color 55.0619, 0.3836, 0.3758.

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

55.0619, 0.3836, 0.3758

Protanopia

55.2372, 0.3590, 0.3847

Deuteranopia

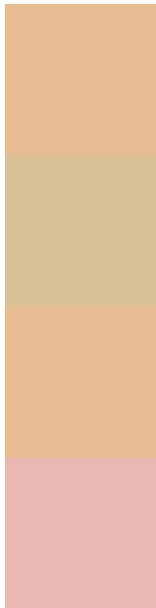
55.0619, 0.3836, 0.3758



Tritanopia

54.8207, 0.3488, 0.3136

Trichromacy



Original Color

55.0619, 0.3836, 0.3758

Protanomaly

55.0616, 0.3677, 0.3812

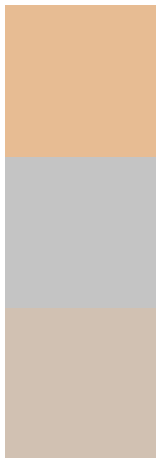
Deuteranomaly

55.0619, 0.3836, 0.3758

Tritanomaly

54.9878, 0.3610, 0.3359

Monochromacy



Original Color

55.0619, 0.3836, 0.3758

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9096, 0.3375, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0619, 0.3836, 0.3758 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, 188, 147)` looks like.

```
.text, #text, p{  
    color:rgb(231, 188, 147)  
}
```

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, 188, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 188, 147) }
```

Border

The CSS property to change the border of an element to Yxy 55.0619, 0.3836, 0.3758 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, 188, 147) }
```

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

```
.border{ border-color:rgb(231, 188, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 188, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 188, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 188, 147);  
box-shadow:4px 4px 4px 4px rgb(231, 188,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0619, 0.3836, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 188, 147) }
```

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

```
.background{ background-color: rgb(231,  
188, 147) }
```

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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