

Converting Colors

Yxy(57.2424, 0.3741, 0.3848)

Have a look what the booklet for
Yxy(57.2424, 0.3741, 0.3848)
contains.

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Color

Yxy(57.4337, 0.3743, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	E0C493
RGB	224, 196, 147
RGB Percent	88%, 77%, 58%
CMY	0.1215, 0.2314, 0.4234
CMYK	0.00, 0.13, 0.34, 0.12
HSL	38°, 55%, 73%
HSV	38°, 34%, 88%
XYZ	55.7506, 57.4337, 35.7620
YIQ	198.7860, 32.4170, -9.3030

Conversions

Conversions Part 2

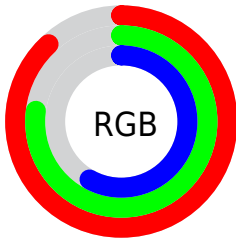
Format	Color
R_{YB}	191, 224, 147
Decimal	14730387
CIE _{Lab}	80.42, 2.93, 28.26
CIE _{LCh}	80, 28.407, 84.085
Yxy	57.4337, 0.3743, 0.3856
Android (android.graphics.Color)	4292920467 (0xFFE0C493)
YUV	198.7860, -25.5305, 22.1127
Hunter-Lab	75.7850, -1.3118, 25.0713

Details

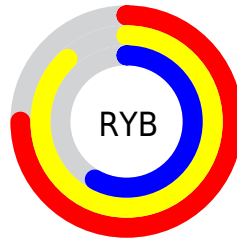
The Yxy color $57.4337, 0.3743, 0.3856$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $42.2622, 0.2558, 0.2648$, and the grayscale version is $57.1229, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.7276, 0.3452, 0.3802$, and $28.5154, 0.3904, 0.3986$ is the 20% darker color. If you saturate the color by 10%, you get $53.2224, 0.3956, 0.4020$, and if you desaturate by 10%, it is $61.9870, 0.3543, 0.3687$.

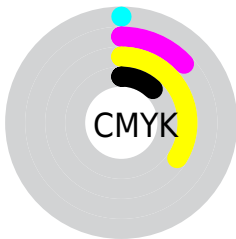
Distribution



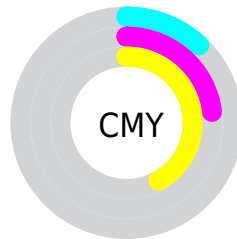
- Red (88%)
- Green (77%)
- Blue (58%)



- Red (75%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4337, 0.3743, 0.3856 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 57.4337, 0.3743, 0.3856 by changing the saturation by 10% instead.

 57.4337, 0.3743,
0.3856

 57.4337, 0.3743,
0.3856

415.0725, 0.3448,
0.3588

 41.3535, 0.3812,
0.3918

 101.0977, 0.3639,
0.3762

 28.5954, 0.3898,
0.3994


 129.4504, 0.3599,
0.3726

 18.7750, 0.4007,
0.4089


162.6627, 0.3565,
0.3695

 11.5078, 0.4150,
0.4212

201.1190, 0.3535,
0.3668

 6.4095, 0.4340,
0.4371

245.2038, 0.3509,
0.3644

 3.0956, 0.4647,
0.4626

295.3013, 0.3486,

 1.1819, 0.5063,

0.3623

0.4937

351.7961, 0.3466,
0.3605

0.0468, 0.7124,
0.2876

0.0000, 0.0000,
0.0000

57.4337, 0.3743,
0.3856

57.4337, 0.3743,
0.3856

53.2224, 0.3956,
0.4020

61.9870, 0.3543,
0.3687

49.3341, 0.4177,
0.4170

66.8847, 0.3360,
0.3519

45.7593, 0.4398,
0.4295

72.1394, 0.3194,
0.3358

42.4848, 0.4608,
0.4384

77.7602, 0.3046,
0.3205

39.4959, 0.4796,
0.4425

83.4937, 0.2936,
0.3103

36.7750, 0.4952,
0.4413

88.3146, 0.2938,
0.3187

35.3457, 0.5028,
0.4389

93.3527, 0.2940,
0.3270

94.5888, 0.2940,
0.3289

Harmonies

Analogous

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



57.4337, 0.3866, 0.3615



57.4337, 0.3743, 0.3856



57.4337, 0.3454, 0.3956

Triad

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



57.4337, 0.3743, 0.3856



57.4337, 0.2514, 0.3209



57.4337, 0.3132, 0.2803

Complementary

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



57.4337, 0.3743, 0.3856



42.2622, 0.2558, 0.2648

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.



57.4337, 0.2779, 0.2692



57.4337, 0.3743, 0.3856



57.4337, 0.2439, 0.2901

Square

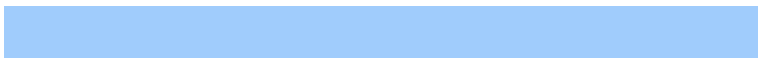
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4337, 0.3743, 0.3856



57.4337, 0.2746, 0.3569



57.4337, 0.2533, 0.2722



57.4337, 0.3503, 0.3026

Rectangle

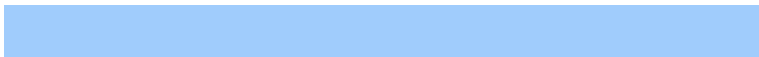
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4337, 0.3743, 0.3856



57.4337, 0.3213, 0.3912



57.4337, 0.2533, 0.2722



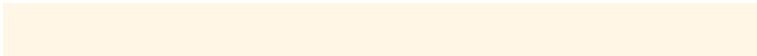
57.4337, 0.3007, 0.2752

Sweetspot

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



57.4364, 0.3743, 0.3856



92.6877, 0.3287, 0.3449



39.8301, 0.3637, 0.2960



19.6275, 0.3310, 0.3472



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.



57.4364, 0.3743, 0.3856



73.0820, 0.3890, 0.3971



69.6816, 0.3564, 0.4168



15.1470, 0.3276, 0.3439



20.7978, 0.5012, 0.4402



1.6101, 0.4853, 0.4528

Inverse Universe

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



42.2622, 0.2558, 0.2648



49.9227, 0.2435, 0.2491



33.4560, 0.2588, 0.2287



14.0557, 0.2981, 0.3137



6.8014, 0.1657, 0.1166



0.6378, 0.1744, 0.1476

Previews

White Background



This preview shows how the Yxy color 57.4337, 0.3743, 0.3856 looks on a white background.

Color Contrast Check

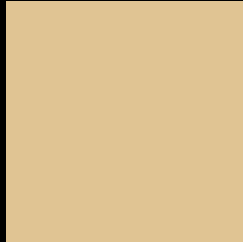
Large Text (above 18pt) WCAG AA × Fail

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 57.4337, 0.3743, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

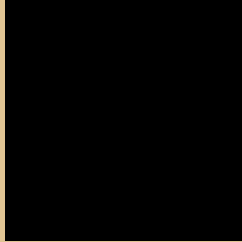
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4337, 0.3743, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 57.4337, 0.3743, 0.3856.



This preview shows how white text looks on a background with the Yxy color 57.4337, 0.3743, 0.3856.

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

57.4337, 0.3743, 0.3856

Protanopia

57.3129, 0.3631, 0.3884

Deuteranopia

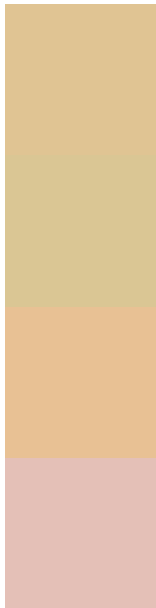
57.2326, 0.3859, 0.3771



Tritanopia

57.5300, 0.3358, 0.3135

Trichromacy



Original Color

57.4337, 0.3743, 0.3856

Protanomaly

57.4317, 0.3676, 0.3877

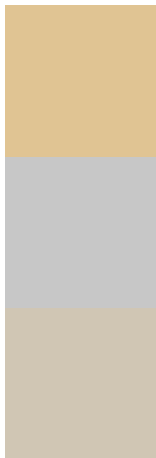
Deuteranomaly

57.4339, 0.3816, 0.3799

Tritanomaly

57.6122, 0.3498, 0.3393

Monochromacy



Original Color

57.4337, 0.3743, 0.3856

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0934, 0.3343, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4337, 0.3743, 0.3856 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(224, 196, 147)` looks like.

```
.text, #text, p{  
    color:rgb(224, 196, 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(224, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 196, 147) }
```

Border

The CSS property to change the border of an element to Yxy 57.4337, 0.3743, 0.3856 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(224, 196, 147) }
```

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

```
.border{ border-color:rgb(224, 196, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 196, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(224, 196,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4337, 0.3743, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 196, 147) }
```

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

```
.background{ background-color: rgb(224,  
196, 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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