

Converting Colors

$Yxy(65.5116, 0.3747, 0.3871)$

Have a look what the booklet for
Yxy(65.5116, 0.3747, 0.3871)
contains.

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Color

Yxy(65.4828, 0.3747, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	EDD09B
RGB	237, 208, 155
RGB Percent	93%, 82%, 61%
CMY	0.0706, 0.1843, 0.3920
CMYK	0.00, 0.12, 0.35, 0.07
HSL	39°, 69%, 77%
HSV	39°, 35%, 93%
XYZ	63.4016, 65.4828, 40.3218
YIQ	210.6290, 34.2970, -10.3350

Conversions

Conversions Part 2

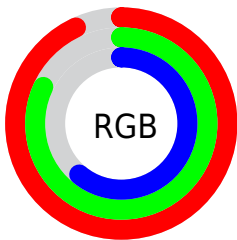
Format	Color
R_{YB}	200, 237, 155
Decimal	15585435
CIE _{Lab}	84.73, 2.69, 30.05
CIE _{LCh}	85, 30.173, 84.893
Yxy	65.4828, 0.3747, 0.3870
Android (android.graphics.Color)	4293775515 (0xFFEDD09B)
YUV	210.6290, -27.4251, 23.1274
Hunter-Lab	80.9214, -1.7586, 27.1018

Details

The Yxy color **65.4828, 0.3747, 0.3870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3848, 0.2551, 0.2630**, and the grayscale version is **65.0549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **33.7938, 0.3897, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **60.7837, 0.3959, 0.4037**, and if you desaturate by 10%, it is **70.5605, 0.3548, 0.3698**.

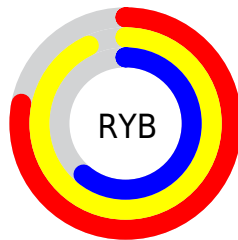
Distribution



Red (93%)

Green (82%)

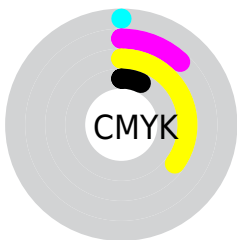
Blue (61%)



Red (78%)

Yellow (93%)

Blue (61%)

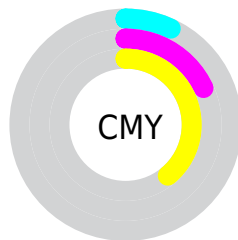


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4828, 0.3747, 0.3870 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 65.4828, 0.3747, 0.3870 by changing the saturation by 10% instead.


 65.4828, 0.3747,
0.3870


 65.4828, 0.3747,
0.3870


444.5249, 0.3457,
0.3602

 47.8527, 0.3813,
0.3930


 112.7437, 0.3646,
0.3777

 33.7102, 0.3894,
0.4004


 143.1432, 0.3607,
0.3741

 22.6711, 0.3996,
0.4095


178.5681, 0.3573,
0.3710

 14.3508, 0.4127,
0.4211

219.4025, 0.3544,
0.3683

 8.3651, 0.4298,
0.4359

266.0311, 0.3518,
0.3659

 4.3294, 0.4526,
0.4550

318.8380, 0.3495,

 1.8595, 0.5024,

0.3637

0.4976

378.2079, 0.3475,
0.3619

■ 0.5239, 0.5182,
0.4818

■ 0.0000, 0.0000,
0.0000

■ 65.4828, 0.3747,
0.3870

■ 65.4828, 0.3747,
0.3870

■ 60.7837, 0.3959,
0.4037

■ 70.5605, 0.3548,
0.3698

■ 56.4416, 0.4178,
0.4189

■ 76.0195, 0.3364,
0.3527

■ 52.4462, 0.4395,
0.4315

■ 81.8736, 0.3198,
0.3363

■ 48.7823, 0.4601,
0.4403

■ 88.1335, 0.3048,
0.3207

■ 45.4333, 0.4783,
0.4444

■ 93.5568, 0.3018,
0.3240

■ 42.3793, 0.4933,
0.4432

■ 96.7460, 0.3017,
0.3290

■ 40.8345, 0.5004,
0.4409

Harmonies

Analogous

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



65.4828, 0.3878, 0.3628



65.4828, 0.3747, 0.3870



65.4828, 0.3450, 0.3968

Triad

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



65.4828, 0.3747, 0.3870



65.4828, 0.2500, 0.3198



65.4828, 0.3142, 0.2800

Complementary

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



65.4828, 0.3747, 0.3870



47.3848, 0.2551, 0.2630

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.



65.4828, 0.2782, 0.2684



65.4828, 0.3747, 0.3870



65.4828, 0.2428, 0.2888

Square

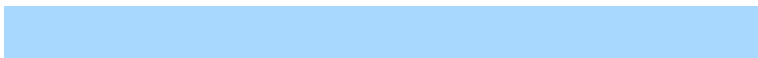
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4828, 0.3747, 0.3870



65.4828, 0.2732, 0.3564



65.4828, 0.2528, 0.2710



65.4828, 0.3519, 0.3029

Rectangle

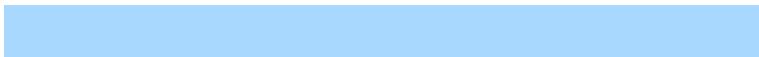
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4828, 0.3747, 0.3870



65.4828, 0.3203, 0.3919



65.4828, 0.2528, 0.2710



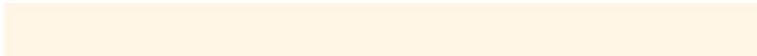
65.4828, 0.3015, 0.2748

Sweetspot

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



65.4858, 0.3747, 0.3870



92.8424, 0.3286, 0.3451



44.9663, 0.3644, 0.2956



19.6650, 0.3310, 0.3475



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.



65.4858, 0.3747, 0.3870



73.0730, 0.3907, 0.3997



79.1226, 0.3568, 0.4176



16.6780, 0.3277, 0.3442



22.5485, 0.4987, 0.4422



1.9506, 0.4848, 0.4532

Inverse Universe

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



47.3848, 0.2551, 0.2630



48.5396, 0.2415, 0.2454



37.6716, 0.2581, 0.2276



15.4210, 0.2980, 0.3133



7.0126, 0.1649, 0.1136



0.7262, 0.1726, 0.1412

Previews

White Background



This preview shows how the Yxy color 65.4828, 0.3747, 0.3870 looks on a white background.

Color Contrast Check

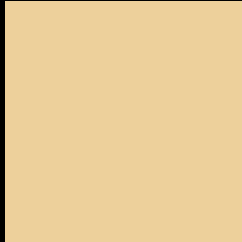
Large Text (above 18pt) WCAG AA × Fail

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 65.4828, 0.3747, 0.3870 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 65.4828, 0.3747, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 65.4828, 0.3747, 0.3870.

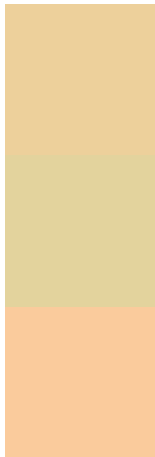


This preview shows how white text looks on a background with the Yxy color 65.4828, 0.3747, 0.3870.

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

65.4828, 0.3747, 0.3870

Protanopia

65.3537, 0.3641, 0.3897

Deuteranopia

65.4362, 0.3865, 0.3787



Tritanopia

65.4995, 0.3354, 0.3123

Trichromacy



Original Color

65.4828, 0.3747, 0.3870

Protanomaly

65.4824, 0.3684, 0.3891

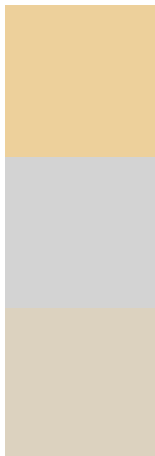
Deuteranomaly

65.4754, 0.3816, 0.3816

Tritanomaly

65.3077, 0.3495, 0.3388

Monochromacy



Original Color

65.4828, 0.3747, 0.3870

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0704, 0.3338, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4828, 0.3747, 0.3870 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(237, 208, 155)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 155)  
}
```

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(237, 208, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 155) }
```

Border

The CSS property to change the border of an element to Yxy 65.4828, 0.3747, 0.3870 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(237, 208, 155) }
```

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

```
.border{ border-color:rgb(237, 208, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 155);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4828, 0.3747, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 155) }
```

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

```
.background{ background-color: rgb(237,  
208, 155) }
```

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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