

Converting Colors

$Yxy(65.4607, 0.3537, 0.3764)$

Have a look what the booklet for
Yxy(65.4607, 0.3537, 0.3764)
contains.

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Color

Yxy(65.4607, 0.3537, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	E1D3A9
RGB	225, 211, 169
RGB Percent	88%, 83%, 66%
CMY	0.1176, 0.1726, 0.3372
CMYK	0.00, 0.06, 0.25, 0.12
HSL	45°, 48%, 77%
HSV	45°, 25%, 88%
XYZ	61.5129, 65.4607, 46.9390
YIQ	210.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

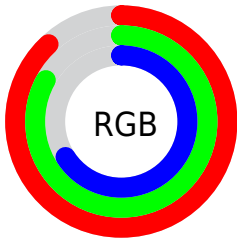
Format	Color
R_{YB}	188, 225, 169
Decimal	14799785
CIE _{Lab}	84.72, -1.65, 22.57
CIE _{LCh}	85, 22.631, 94.174
Yxy	65.4607, 0.3537, 0.3764
Android (android.graphics.Color)	4292989865 (0xFFE1D3A9)
YUV	210.3980, -20.4092, 12.8060
Hunter-Lab	80.9078, -5.8780, 22.2381

Details

The Yxy color **65.4607, 0.3537, 0.3764** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7593, 0.2717, 0.2766**, and the grayscale version is **64.8540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **33.8333, 0.3629, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **61.9392, 0.3721, 0.3959**, and if you desaturate by 10%, it is **69.2317, 0.3363, 0.3569**.

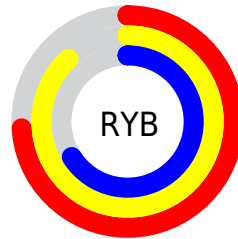
Distribution



Red (88%)

Green (83%)

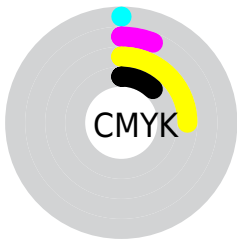
Blue (66%)



Red (74%)

Yellow (88%)

Blue (66%)

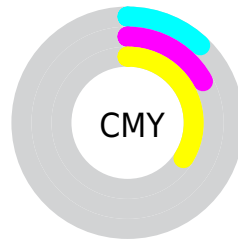


Cyan (0%)

Magenta (6%)

Yellow (25%)

Black (12%)



Cyan (12%)


Magenta (17%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4607, 0.3537, 0.3764 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 65.4607, 0.3537, 0.3764 by changing the saturation by 10% instead.


 65.4607, 0.3537,
0.3764

 65.4607, 0.3537,
0.3764

444.4457, 0.3345,
0.3541

 47.8347, 0.3581,
0.3816

 112.7119, 0.3470,
0.3686

 33.6960, 0.3636,
0.3880


143.1060, 0.3444,
0.3656

 22.6602, 0.3705,
0.3961


178.5249, 0.3422,
0.3630

 14.3428, 0.3794,
0.4068

219.3530, 0.3402,
0.3607

 8.3595, 0.3914,
0.4213

265.9748, 0.3385,
0.3587

 4.3258, 0.4081,
0.4417

318.7745, 0.3370,

 1.8574, 0.4529,

0.3570

0.4948

378.1367, 0.3357,
0.3554

■ 0.5226, 0.4662,
0.5338

■ 0.0000, 0.0000,
0.0000

■ 65.4607, 0.3537,
0.3764

■ 65.4607, 0.3537,
0.3764

■ 61.9392, 0.3721,
0.3959

■ 69.2317, 0.3363,
0.3569

■ 58.6499, 0.3910,
0.4147

■ 73.2512, 0.3201,
0.3379

■ 55.5866, 0.4097,
0.4318

■ 77.5296, 0.3053,
0.3199

■ 52.7393, 0.4277,
0.4462

■ 81.8117, 0.2942,
0.3070

■ 50.0970, 0.4438,
0.4567

■ 85.0626, 0.2943,
0.3129

■ 47.6469, 0.4574,
0.4627

■ 88.4163, 0.2944,
0.3186

■ 45.3735, 0.4680,
0.4638

■ 91.8739, 0.2945,
0.3244

■ 44.2668, 0.4726,
0.4630

■ 94.7506, 0.2946,
0.3289

Harmonies

Analogous

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



65.4607, 0.3676, 0.3616



65.4607, 0.3537, 0.3764



65.4607, 0.3290, 0.3784

Triad

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



65.4607, 0.3537, 0.3764



65.4607, 0.2620, 0.3146



65.4607, 0.3231, 0.2962

Complementary

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



65.4607, 0.3537, 0.3764



47.7593, 0.2717, 0.2766

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.



65.4607, 0.2947, 0.2844



65.4607, 0.3537, 0.3764



65.4607, 0.2605, 0.2936

Square

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



65.4607, 0.3537, 0.3764



65.4607, 0.2764, 0.3413



65.4607, 0.2722, 0.2831



65.4607, 0.3497, 0.3160

Rectangle

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



65.4607, 0.3537, 0.3764



65.4607, 0.3100, 0.3713



65.4607, 0.2722, 0.2831



65.4607, 0.3134, 0.2912

Sweetspot

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



65.4637, 0.3537, 0.3764



96.0847, 0.3235, 0.3420



47.8534, 0.3512, 0.3118



20.4955, 0.3245, 0.3431



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.



65.4637, 0.3537, 0.3764



84.3965, 0.3634, 0.3868



70.7162, 0.3403, 0.3930



15.4179, 0.3273, 0.3465



25.6983, 0.4716, 0.4638



1.9205, 0.4618, 0.4715

Inverse Universe

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



47.7593, 0.2717, 0.2766



56.9746, 0.2619, 0.2635



43.7771, 0.2802, 0.2604



13.7981, 0.2981, 0.3109



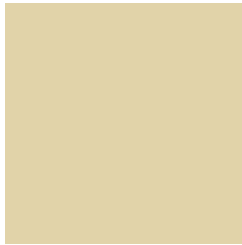
4.9381, 0.1582, 0.0894



0.4833, 0.1664, 0.1190

Previews

White Background



This preview shows how the Yxy color 65.4607, 0.3537, 0.3764 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 65.4607, 0.3537, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

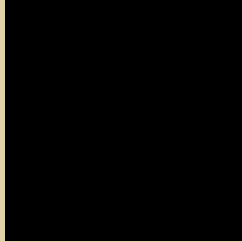
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

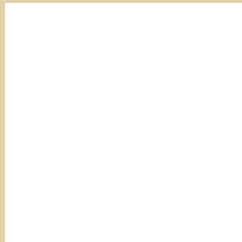
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4607, 0.3537, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 65.4607, 0.3537, 0.3764.

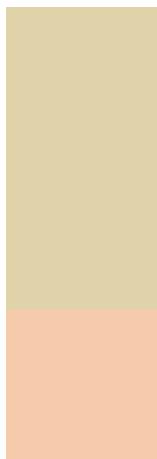


This preview shows how white text looks on a background with the Yxy color 65.4607, 0.3537, 0.3764.

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

65.4607, 0.3537, 0.3764

Protanopia

65.4607, 0.3537, 0.3764

Deuteranopia

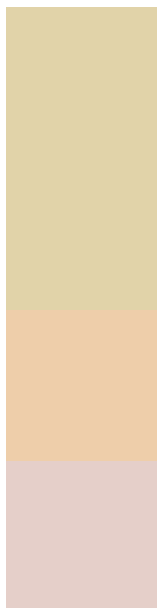
65.2450, 0.3715, 0.3634



Tritanopia

65.3420, 0.3219, 0.3118

Trichromacy



Original Color

65.4607, 0.3537, 0.3764

Protanomaly

65.4607, 0.3537, 0.3764

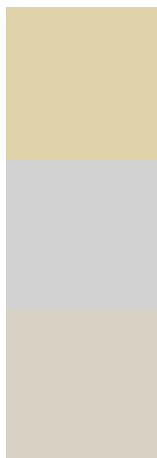
Deuteranomaly

65.2220, 0.3648, 0.3684

Tritanomaly

65.5007, 0.3340, 0.3357

Monochromacy



Original Color

65.4607, 0.3537, 0.3764

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4804, 0.3271, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4607, 0.3537, 0.3764 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(225, 211, 169)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 169)  
}
```

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(225, 211, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 169) }
```

Border

The CSS property to change the border of an element to Yxy 65.4607, 0.3537, 0.3764 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(225, 211, 169) }
```

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

```
.border{ border-color:rgb(225, 211, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 211, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 169);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4607, 0.3537, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 169) }
```

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

```
.background{ background-color: rgb(225,  
211, 169) }
```

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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