

Converting Colors

$Yxy(65.7963, 0.3542, 0.3750)$

Have a look what the booklet for
Yxy(65.7963, 0.3542, 0.3750)
contains.

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Color

Yxy(65.8217, 0.3546, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	E3D3AA
RGB	227, 211, 170
RGB Percent	89%, 83%, 67%
CMY	0.1096, 0.1726, 0.3333
CMYK	0.00, 0.07, 0.25, 0.11
HSL	43°, 51%, 78%
HSV	43°, 25%, 89%
XYZ	62.2410, 65.8217, 47.4618
YIQ	211.1100, 22.6970, -9.3590

Conversions

Conversions Part 2

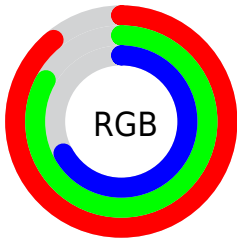
Format	Color
RYB	192, 227, 170
Decimal	14930858
CIELab	84.91, -0.74, 22.33
CIElCh	85, 22.343, 91.909
Yxy	65.8217, 0.3546, 0.3750
Android (android.graphics.Color)	4293120938 (0xFFE3D3AA)
YUV	211.1100, -20.2672, 13.9355
Hunter-Lab	81.1306, -5.0385, 22.1064

Details

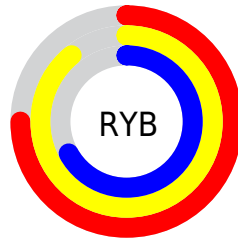
The Yxy color **65.8217, 0.3546, 0.3750** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2468, 0.2714, 0.2783**, and the grayscale version is **65.3491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **34.0799, 0.3641, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **61.9244, 0.3735, 0.3938**, and if you desaturate by 10%, it is **69.9997, 0.3369, 0.3562**.

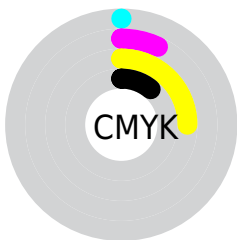
Distribution



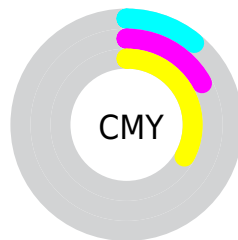
- Red (89%)
- Green (83%)
- Blue (67%)



- Red (75%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (11%)




- Cyan (11%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8217, 0.3546, 0.3750 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 65.8217, 0.3546, 0.3750 by changing the saturation by 10% instead.


 65.8217, 0.3546,
0.3750

 65.8217, 0.3546,
0.3750


445.7390, 0.3350,
0.3534

 48.1277, 0.3591,
0.3800

 113.2304, 0.3478,
0.3674

 33.9280, 0.3647,
0.3862

143.7138, 0.3451,
0.3645

 22.8383, 0.3718,
0.3940


179.2292, 0.3428,
0.3620

 14.4742, 0.3809,
0.4042

220.1609, 0.3408,
0.3598

 8.4512, 0.3933,
0.4180

266.8934, 0.3391,
0.3579

 4.3850, 0.4105,
0.4375

319.8109, 0.3376,

 1.8912, 0.4539,

0.3562

0.4856

379.2980, 0.3362,
0.3547

■ 0.5431, 0.4784,
0.5216

■ 0.0000, 0.0000,
0.0000

■ 65.8217, 0.3546,
0.3750

■ 65.8217, 0.3546,
0.3750

■ 61.9244, 0.3735,
0.3938

■ 69.9997, 0.3369,
0.3562

■ 58.2898, 0.3930,
0.4120

■ 74.4581, 0.3205,
0.3380

■ 54.9111, 0.4127,
0.4285

■ 79.2077, 0.3056,
0.3207

■ 51.7777, 0.4317,
0.4422

■ 83.8747, 0.2955,
0.3102

■ 48.8776, 0.4491,
0.4521

■ 87.6343, 0.2956,
0.3168

■ 46.1973, 0.4639,
0.4574

■ 91.5272, 0.2957,
0.3233

■ 43.7205, 0.4757,
0.4577

■ 95.0789, 0.2958,
0.3290

■ 42.5732, 0.4806,
0.4566

Harmonies

Analogous

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



65.8217, 0.3673, 0.3597



65.8217, 0.3546, 0.3750



65.8217, 0.3308, 0.3780

Triad

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



65.8217, 0.3546, 0.3750



65.8217, 0.2633, 0.3167



65.8217, 0.3208, 0.2955

Complementary

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



65.8217, 0.3546, 0.3750



49.2468, 0.2714, 0.2783

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.



65.8217, 0.2930, 0.2845



65.8217, 0.3546, 0.3750



65.8217, 0.2609, 0.2954

Square

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



65.8217, 0.3546, 0.3750



65.8217, 0.2784, 0.3431



65.8217, 0.2714, 0.2841



65.8217, 0.3474, 0.3145

Rectangle

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



65.8217, 0.3546, 0.3750



65.8217, 0.3122, 0.3718



65.8217, 0.2714, 0.2841



65.8217, 0.3113, 0.2908

Sweetspot

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



65.8247, 0.3546, 0.3750



95.1444, 0.3252, 0.3433



48.6471, 0.3508, 0.3106



20.1752, 0.3276, 0.3460



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.



65.8247, 0.3546, 0.3750



83.0318, 0.3640, 0.3846



72.2684, 0.3413, 0.3936



16.0951, 0.3274, 0.3458



25.0239, 0.4795, 0.4575



2.0046, 0.4687, 0.4661

Inverse Universe

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



49.2468, 0.2714, 0.2783



58.0724, 0.2623, 0.2663



44.2950, 0.2791, 0.2595



14.5447, 0.2981, 0.3116



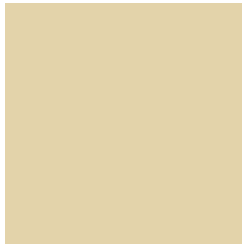
5.5384, 0.1600, 0.0959



0.5629, 0.1679, 0.1245

Previews

White Background



This preview shows how the Yxy color 65.8217, 0.3546, 0.3750 looks on a white background.

Color Contrast Check

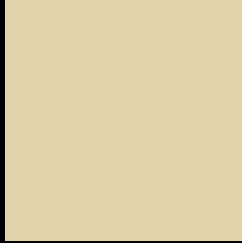
Large Text (above 18pt) WCAG AA × Fail

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 65.8217, 0.3546, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

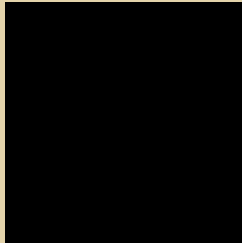
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

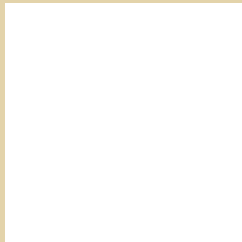
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8217, 0.3546, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 65.8217, 0.3546, 0.3750.

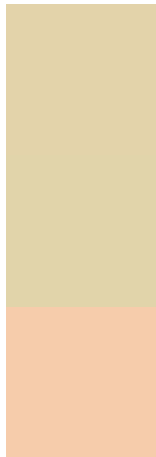


This preview shows how white text looks on a background with the Yxy color 65.8217, 0.3546, 0.3750.

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

65.8217, 0.3546, 0.3750

Protanopia

65.9968, 0.3527, 0.3764

Deuteranopia

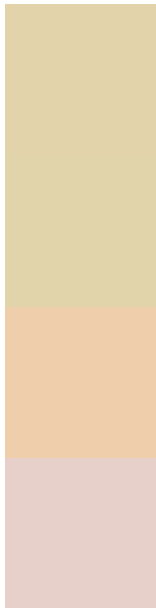
65.7188, 0.3712, 0.3644



Tritanopia

65.6767, 0.3235, 0.3119

Trichromacy



Original Color

65.8217, 0.3546, 0.3750

Protanomaly

66.1580, 0.3535, 0.3762

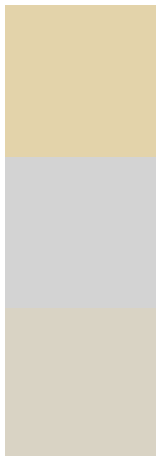
Deuteranomaly

65.9166, 0.3646, 0.3683

Tritanomaly

65.8788, 0.3348, 0.3345

Monochromacy



Original Color

65.8217, 0.3546, 0.3750

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3258, 0.3278, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8217, 0.3546, 0.3750 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(227, 211, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 170)  
}
```

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(227, 211, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 170) }
```

Border

The CSS property to change the border of an element to Yxy 65.8217, 0.3546, 0.3750 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(227, 211, 170) }
```

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

```
.border{ border-color:rgb(227, 211, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8217, 0.3546, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 170) }
```

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

```
.background{ background-color: rgb(227,  
211, 170) }
```

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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