

Converting Colors

Yxy(66.4836, 0.3761, 0.4211)

Have a look what the booklet for
Yxy(66.4836, 0.3761, 0.4211)
contains.

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Color

Yxy(66.6525, 0.3765, 0.4216)

Conversions

Conversions Part 1

Format	Color
Hex	E0D885
RGB	224, 216, 133
RGB Percent	88%, 85%, 52%
CMY	0.1217, 0.1529, 0.4784
CMYK	0.00, 0.04, 0.41, 0.12
HSL	55°, 59%, 70%
HSV	55°, 41%, 88%
XYZ	59.5225, 66.6525, 31.9192
YIQ	208.9300, 31.4110, -24.1170

Conversions

Conversions Part 2

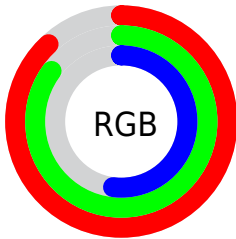
Format	Color
R _Y B	142, 224, 133
Decimal	14735493
CIE Lab	85.33, -8.98, 41.84
CIE LCh	85, 42.797, 102.115
Yxy	66.6525, 0.3765, 0.4216
Android (android.graphics.Color)	4292925573 (0xFFE0D885)
YUV	208.9300, -37.4335, 13.2164
Hunter-Lab	81.6410, -12.7317, 33.9680

Details

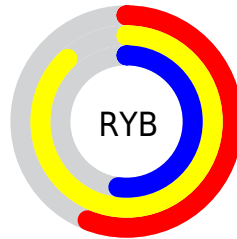
The Yxy color **66.6525, 0.3765, 0.4216** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.4035, 0.2391, 0.2154**, and the grayscale version is **63.9451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **34.3144, 0.3896, 0.4426** is the 20% darker color. If you saturate the color by 10%, you get **65.1038, 0.3916, 0.4423**, and if you desaturate by 10%, it is **68.3512, 0.3606, 0.3992**.

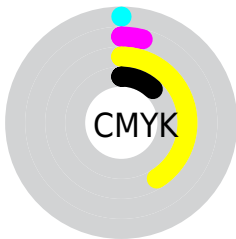
Distribution



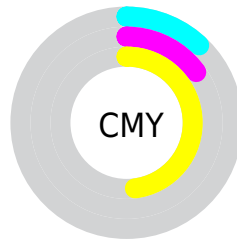
- Red (88%)
- Green (85%)
- Blue (52%)



- Red (56%)
- Yellow (88%)
- Blue (52%)



- Cyan (0%)
- Magenta (4%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6525, 0.3765, 0.4216 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 66.6525, 0.3765, 0.4216 by changing the saturation by 10% instead.


 66.6525, 0.3765,
0.4216


 66.6525, 0.3765,
0.4216


448.7068, 0.3478,
0.3781

 48.8023, 0.3826,
0.4314

 114.4223, 0.3668,
0.4065

 34.4627, 0.3899,
0.4434


 145.1107, 0.3630,
0.4007

 23.2493, 0.3985,
0.4582


 180.8473, 0.3596,
0.3956

 14.7777, 0.4086,
0.4769

222.0165, 0.3567,
0.3912

 8.6635, 0.4199,
0.5003

269.0026, 0.3541,
0.3873

 4.5223, 0.4418,
0.5429

322.1901, 0.3517,

 1.9698, 0.4360,

0.3839

0.5640

381.9634, 0.3497,
0.3809

0.5899, 0.3666,
0.6334

0.0000, 0.0000,
0.0000

66.6525, 0.3765,
0.4216

66.6525, 0.3765,
0.4216

65.1038, 0.3916,
0.4423

68.3512, 0.3606,
0.3992

63.6875, 0.4052,
0.4603


70.1985, 0.3445,
0.3760


62.3972, 0.4168,
0.4746


72.2047, 0.3287,
0.3529

61.2219, 0.4258,
0.4847

74.3764, 0.3136,
0.3304


 60.1488, 0.4320,
0.4903

 76.7200, 0.2994,
0.3089

 59.2138, 0.4357,
0.4922

 78.4176, 0.2934,
0.3009

 79.4994, 0.2934,
0.3030

 80.5933, 0.2935,
0.3050

 81.6995, 0.2935,
0.3071

Harmonies

Analogous

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



66.6525, 0.4106, 0.3953



66.6525, 0.3765, 0.4216



66.6525, 0.3268, 0.4216

Triad

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



66.6525, 0.3765, 0.4216



66.6525, 0.2180, 0.2877



66.6525, 0.3454, 0.2781

Complementary

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



66.6525, 0.3765, 0.4216



29.4035, 0.2391, 0.2154

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.



66.6525, 0.2915, 0.2533



66.6525, 0.3765, 0.4216



66.6525, 0.2219, 0.2558

Square

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



66.6525, 0.3765, 0.4216



66.6525, 0.2367, 0.3369



66.6525, 0.2474, 0.2449



66.6525, 0.3933, 0.3145

Rectangle

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



66.6525, 0.3765, 0.4216



66.6525, 0.2920, 0.4032



66.6525, 0.2474, 0.2449



66.6525, 0.3272, 0.2683

Sweetspot

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



66.6556, 0.3765, 0.4216



96.4889, 0.3310, 0.3562



34.5744, 0.4054, 0.3185



20.5750, 0.3331, 0.3593



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.



66.6556, 0.3765, 0.4216



87.6219, 0.3897, 0.4398



65.6253, 0.3451, 0.4396



15.8139, 0.3269, 0.3502



34.5644, 0.4354, 0.4925



2.4568, 0.4327, 0.4947

Inverse Universe

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



29.4035, 0.2391, 0.2154



31.0110, 0.2210, 0.1863



30.6345, 0.2671, 0.2138



13.4349, 0.2981, 0.3069



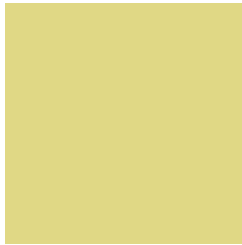
3.4851, 0.1517, 0.0660



0.3091, 0.1561, 0.0819

Previews

White Background



This preview shows how the Yxy color 66.6525, 0.3765, 0.4216 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 66.6525, 0.3765, 0.4216 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 66.6525, 0.3765, 0.4216

Background



This preview shows how black text looks on a background with the Yxy color 66.6525, 0.3765, 0.4216.



This preview shows how white text looks on a background with the Yxy color 66.6525, 0.3765, 0.4216.

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

66.6525, 0.3765, 0.4216

Protanopia

66.5781, 0.3858, 0.4172

Deuteranopia

66.3688, 0.4015, 0.3940



Tritanopia

66.3755, 0.3234, 0.3119

Trichromacy



Original Color

66.6525, 0.3765, 0.4216

Protanomaly

66.5821, 0.3829, 0.4190

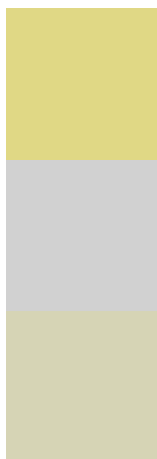
Deuteranomaly

66.1798, 0.3929, 0.4034

Tritanomaly

66.0980, 0.3433, 0.3512

Monochromacy



Original Color

66.6525, 0.3765, 0.4216

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7193, 0.3360, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6525, 0.3765, 0.4216 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, 216, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 133)  
}
```

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, 216, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 133) }
```

Border

The CSS property to change the border of an element to Yxy 66.6525, 0.3765, 0.4216 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, 216, 133) }
```

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

```
.border{ border-color:rgb(224, 216, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6525, 0.3765, 0.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 133) }
```

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

```
.background{ background-color: rgb(224,  
216, 133) }
```

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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