

Converting Colors

$Yxy(66.8525, 0.3719, 0.4141)$

Have a look what the booklet for
Yxy(66.8525, 0.3719, 0.4141)
contains.

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Color

Yxy(66.8525, 0.3719, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	E0D88C
RGB	224, 216, 140
RGB Percent	88%, 85%, 55%
CMY	0.1214, 0.1530, 0.4510
CMYK	0.00, 0.04, 0.38, 0.12
HSL	54°, 58%, 71%
HSV	54°, 38%, 88%
XYZ	60.0397, 66.8525, 34.5483
YIQ	209.7280, 29.1640, -21.9400

Conversions

Conversions Part 2

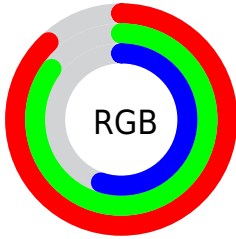
Format	Color
RYB	149, 224, 140
Decimal	14735500
CIELab	85.43, -8.18, 38.47
CIELCh	85, 39.327, 102.010
Yxy	66.8525, 0.3719, 0.4141
Android (android.graphics.Color)	4292925580 (0xFFE0D88C)
YUV	209.7280, -34.3759, 12.5165
Hunter-Lab	81.7634, -12.0115, 32.1820

Details

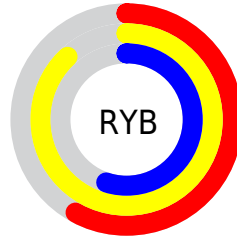
The Yxy color **66.8525, 0.3719, 0.4141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1543, 0.2457, 0.2265**, and the grayscale version is **64.4814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **34.4265, 0.3839, 0.4336** is the 20% darker color. If you saturate the color by 10%, you get **65.1680, 0.3875, 0.4353**, and if you desaturate by 10%, it is **68.6920, 0.3558, 0.3915**.

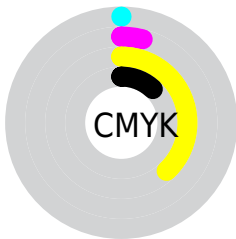
Distribution



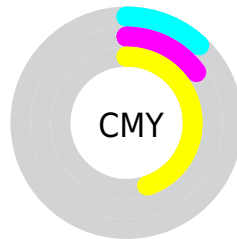
- Red (88%)
- Green (85%)
- Blue (55%)



- Red (58%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (38%)
- Black (12%)





- Cyan (12%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8525, 0.3719, 0.4141 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 66.8525, 0.3719, 0.4141 by changing the saturation by 10% instead.


 66.8525, 0.3719,
0.4141

 66.8525, 0.3719,
0.4141


449.4196, 0.3451,
0.3741

 48.9648, 0.3777,
0.4232


 114.7090, 0.3628,
0.4002

 34.5915, 0.3846,
0.4344

 145.4466, 0.3592,
0.3948

 23.3484, 0.3930,
0.4483


 181.2363, 0.3561,
0.3901

 14.8510, 0.4031,
0.4659

222.4624, 0.3533,
0.3861

 8.7149, 0.4148,
0.4886

269.5094, 0.3509,
0.3825

 4.5557, 0.4327,
0.5240

322.7617, 0.3487,

 1.9890, 0.4408,

0.3794

0.5592

382.6036, 0.3468,
0.3766

0.6011, 0.3820,
0.6180

0.0000, 0.0000,
0.0000

66.8525, 0.3719,
0.4141

66.8525, 0.3719,
0.4141

65.1680, 0.3875,
0.4353

68.6920, 0.3558,
0.3915

63.6211, 0.4018,
0.4541

70.6850, 0.3396,
0.3684


62.2057, 0.4143,
0.4696


72.8414, 0.3240,
0.3456


60.9114, 0.4244,
0.4810


75.1680, 0.3091,
0.3236

 59.7259, 0.4318,
0.4879


 77.6708, 0.2952,
0.3028


 58.6329, 0.4364,
0.4905

 79.0408, 0.2935,
0.3021

 58.3689, 0.4374,
0.4909

 80.2350, 0.2935,
0.3043

 81.4439, 0.2936,
0.3066

 82.6676, 0.2936,
0.3088

Harmonies

Analogous

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



66.8525, 0.4030, 0.3905



66.8525, 0.3719, 0.4141



66.8525, 0.3263, 0.4136

Triad

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



66.8525, 0.3719, 0.4141



66.8525, 0.2251, 0.2915



66.8525, 0.3427, 0.2819

Complementary

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



66.8525, 0.3719, 0.4141



32.1543, 0.2457, 0.2265

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.



66.8525, 0.2932, 0.2588



66.8525, 0.3719, 0.4141



66.8525, 0.2286, 0.2617

Square

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



66.8525, 0.3719, 0.4141



66.8525, 0.2428, 0.3367



66.8525, 0.2524, 0.2511



66.8525, 0.3865, 0.3157

Rectangle

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



66.8525, 0.3719, 0.4141



66.8525, 0.2942, 0.3967



66.8525, 0.2524, 0.2511



66.8525, 0.3260, 0.2727

Sweetspot

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



66.8556, 0.3719, 0.4141



96.6208, 0.3295, 0.3537



36.7604, 0.3952, 0.3192



20.5958, 0.3316, 0.3568



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.



66.8556, 0.3719, 0.4141



87.8668, 0.3841, 0.4308



66.2301, 0.3430, 0.4307



15.7933, 0.3270, 0.3500



34.0533, 0.4371, 0.4911



2.4265, 0.4340, 0.4936

Inverse Universe

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



32.1543, 0.2457, 0.2265



35.0285, 0.2296, 0.2010



33.0940, 0.2715, 0.2234



13.4534, 0.2981, 0.3071



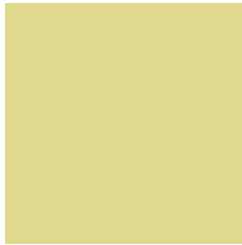
3.5290, 0.1519, 0.0668



0.3179, 0.1567, 0.0840

Previews

White Background



This preview shows how the Yxy color 66.8525, 0.3719, 0.4141 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 66.8525, 0.3719, 0.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

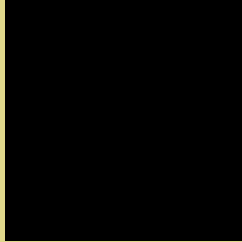
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8525, 0.3719, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 66.8525, 0.3719, 0.4141.



This preview shows how white text looks on a background with the Yxy color 66.8525, 0.3719, 0.4141.

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

66.8525, 0.3719, 0.4141

Protanopia

66.6084, 0.3802, 0.4102

Deuteranopia

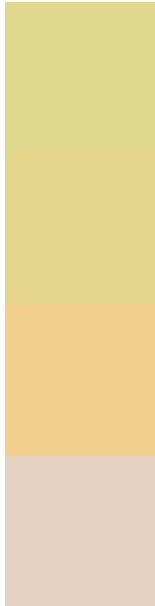
66.4901, 0.3986, 0.3900



Tritanopia

66.7402, 0.3218, 0.3119

Trichromacy



Original Color

66.8525, 0.3719, 0.4141

Protanomaly

66.6152, 0.3774, 0.4120

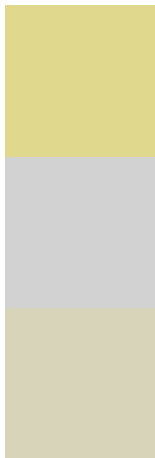
Deuteranomaly

66.3280, 0.3893, 0.3983

Tritanomaly

66.7220, 0.3409, 0.3489

Monochromacy



Original Color

66.8525, 0.3719, 0.4141

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.0368, 0.3340, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8525, 0.3719, 0.4141 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 140) }
```

Border

The CSS property to change the border of an element to Yxy 66.8525, 0.3719, 0.4141 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, 140) }
```

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

```
.border{ border-color:rgb(224, 216, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 140);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8525, 0.3719, 0.4141 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, 140) }
```

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

```
.background{ background-color: rgb(224,  
216, 140) }
```

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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