

Converting Colors

$Yxy(66.9922, 0.3532, 0.3813)$

Have a look what the booklet for
Yxy(66.9922, 0.3532, 0.3813)
contains.

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Color

Yxy(66.7676, 0.3529, 0.3809)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0D6A8 |
| RGB | 224, 214, 168 |
| RGB Percent | 88%, 84%, 66% |
| CMY | 0.1215, 0.1608, 0.3413 |
| CMYK | 0.00, 0.04, 0.25, 0.12 |
| HSL | 49°, 48%, 77% |
| HSV | 49°, 25%, 88% |
| XYZ | 61.8595, 66.7676, 46.6619 |
| YIQ | 211.7460, 20.7260, -12.1860 |

Conversions

Conversions Part 2

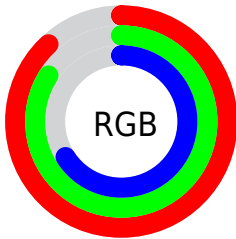
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 180, 224, 168 |
| Decimal | 14735016 |
| CIE Lab | 85.39, -3.71, 24.02 |
| CIE LCh | 85, 24.301, 98.773 |
| Yxy | 66.7676, 0.3529, 0.3809 |
| Android (android.graphics.Color) | 4292925096 (0xFFE0D6A8) |
| YUV | 211.7460, -21.5668, 10.7468 |
| Hunter-Lab | 81.7114, -7.8619, 23.3400 |

Details

The Yxy color **66.7676, 0.3529, 0.3809** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5500, 0.2710, 0.2711**, and the grayscale version is **65.7992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **34.3821, 0.3620, 0.3926** is the 20% darker color. If you saturate the color by 10%, you get **64.0022, 0.3702, 0.4020**, and if you desaturate by 10%, it is **69.7328, 0.3361, 0.3597**.

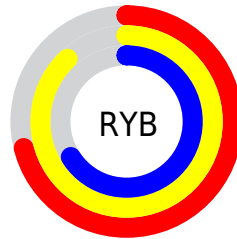
Distribution



Red (88%)

Green (84%)

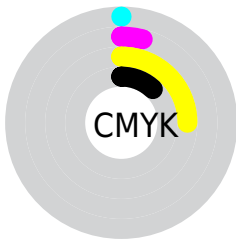
Blue (66%)



Red (71%)

Yellow (88%)

Blue (66%)

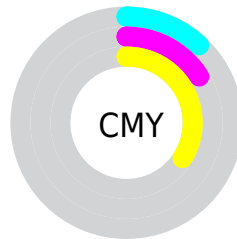


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7676, 0.3529, 0.3809 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 66.7676, 0.3529, 0.3809 by changing the saturation by 10% instead.


 66.7676, 0.3529,
0.3809

 66.7676, 0.3529,
0.3809

449.1171, 0.3342,
0.3564

 48.8958, 0.3571,
0.3866


 114.5873, 0.3464,
0.3723

 34.5368, 0.3624,
0.3936


 145.3041, 0.3439,
0.3690

 23.3063, 0.3689,
0.4025


181.0712, 0.3417,
0.3662

 14.8198, 0.3774,
0.4142

222.2732, 0.3398,
0.3637

 8.6930, 0.3886,
0.4301

269.2943, 0.3382,
0.3615

 4.5415, 0.4038,
0.4524

322.5191, 0.3367,

 1.9809, 0.4455,

0.3596

0.5094

382.3319, 0.3354,
0.3579

0.5963, 0.4441,
0.5559

0.0000, 0.0000,
0.0000

66.7676, 0.3529,
0.3809

66.7676, 0.3529,
0.3809

64.0022, 0.3702,
0.4020

69.7328, 0.3361,
0.3597

61.4199, 0.3876,
0.4221

72.8959, 0.3203,
0.3390

59.0153, 0.4045,
0.4404

76.2667, 0.3055,
0.3193

56.7790, 0.4200,
0.4558

79.6837, 0.2935,
0.3033

■ 54.7009, 0.4335,
0.4673

■ 81.9410, 0.2936,
0.3075

■ 52.7688, 0.4443,
0.4743

■ 84.2499, 0.2937,
0.3117

■ 50.9683, 0.4522,
0.4766

■ 86.6109, 0.2938,
0.3158

■ 50.1086, 0.4554,
0.4766

■ 89.0241, 0.2939,
0.3199

■ 91.4900, 0.2939,
0.3240

Harmonies

Analogous

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



66.7676, 0.3700, 0.3667



66.7676, 0.3529, 0.3809



66.7676, 0.3254, 0.3808

Triad

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



66.7676, 0.3529, 0.3809



66.7676, 0.2576, 0.3095



66.7676, 0.3284, 0.2969

Complementary

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



66.7676, 0.3529, 0.3809



45.5500, 0.2710, 0.2711

Split Complementary

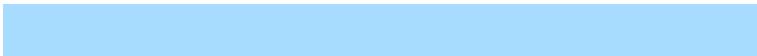
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.7676, 0.2979, 0.2828



66.7676, 0.3529, 0.3809



66.7676, 0.2582, 0.2887

Square

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



66.7676, 0.3529, 0.3809



66.7676, 0.2709, 0.3376



66.7676, 0.2725, 0.2796



66.7676, 0.3557, 0.3188

Rectangle

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



66.7676, 0.3529, 0.3809



66.7676, 0.3052, 0.3716



66.7676, 0.2725, 0.2796



66.7676, 0.3182, 0.2912

Sweetspot

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



66.7706, 0.3529, 0.3809



96.4482, 0.3250, 0.3452



47.0740, 0.3558, 0.3171



20.5052, 0.3274, 0.3484



0.0000, 0.0000, 0.0000



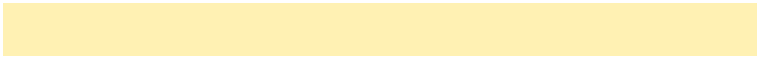
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7706, 0.3529, 0.3809



87.5898, 0.3619, 0.3919



69.3143, 0.3370, 0.3941



15.5905, 0.3272, 0.3481



29.3126, 0.4547, 0.4771



2.1422, 0.4483, 0.4822

Inverse Universe

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



45.5500, 0.2710, 0.2711



54.5262, 0.2612, 0.2570



43.7861, 0.2837, 0.2608



13.6379, 0.2981, 0.3091



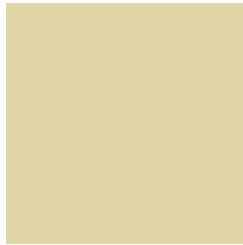
4.1380, 0.1547, 0.0768



0.4053, 0.1620, 0.1031

Previews

White Background



This preview shows how the Yxy color 66.7676, 0.3529, 0.3809 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 66.7676, 0.3529, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

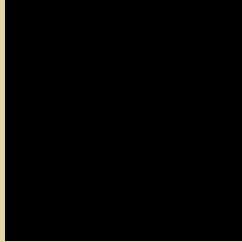
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

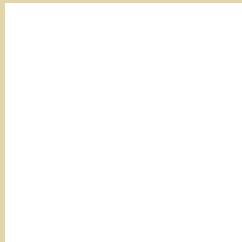
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7676, 0.3529, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 66.7676, 0.3529, 0.3809.



This preview shows how white text looks on a background with the Yxy color 66.7676, 0.3529, 0.3809.

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

66.7676, 0.3529, 0.3809

Protanopia

66.7465, 0.3555, 0.3794

Deuteranopia

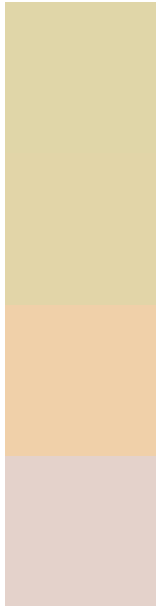
66.7047, 0.3741, 0.3662



Tritanopia

66.9423, 0.3195, 0.3119

Trichromacy



Original Color

66.7676, 0.3529, 0.3809

Protanomaly

66.5844, 0.3547, 0.3796

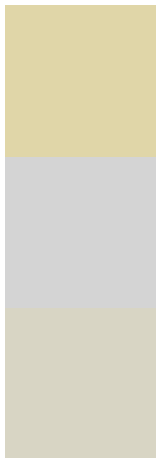
Deuteranomaly

66.5016, 0.3666, 0.3714

Tritanomaly

66.8990, 0.3313, 0.3367

Monochromacy



Original Color

66.7676, 0.3529, 0.3809

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1730, 0.3268, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7676, 0.3529, 0.3809 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, 214, 168)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 168)  
}
```

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, 214, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 168) }
```

Border

The CSS property to change the border of an element to Yxy 66.7676, 0.3529, 0.3809 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, 214, 168) }
```

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

```
.border{ border-color:rgb(224, 214, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 214, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 214, 168); box-shadow:4px 4px 4px 4px rgb(224, 214, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7676, 0.3529, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 168) }
```

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

```
.background{ background-color: rgb(224,  
214, 168) }
```

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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