

Converting Colors

$Yxy(67.4954, 0.3502, 0.3779)$

Have a look what the booklet for
Yxy(67.4954, 0.3502, 0.3779)
contains.

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Color

Yxy(67.4267, 0.3497, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	E0D7AC
RGB	224, 215, 172
RGB Percent	88%, 84%, 67%
CMY	0.1217, 0.1568, 0.3254
CMYK	0.00, 0.04, 0.23, 0.12
HSL	50°, 46%, 78%
HSV	50°, 23%, 88%
XYZ	62.4778, 67.4267, 48.7566
YIQ	212.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

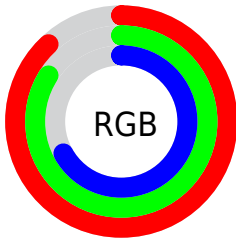
Format	Color
RYB	183, 224, 172
Decimal	14735276
CIELab	85.72, -3.70, 22.37
CIELCh	86, 22.671, 99.395
Yxy	67.4267, 0.3497, 0.3774
Android (android.graphics.Color)	4292925356 (0xFFE0D7AC)
YUV	212.7890, -20.1090, 9.8320
Hunter-Lab	82.1138, -7.8840, 22.2751

Details

The Yxy color **67.4267, 0.3497, 0.3774** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.1784, 0.2743, 0.2755**, and the grayscale version is **66.5170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **34.7984, 0.3588, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **64.7008, 0.3669, 0.3987**, and if you desaturate by 10%, it is **70.3499, 0.3331, 0.3561**.

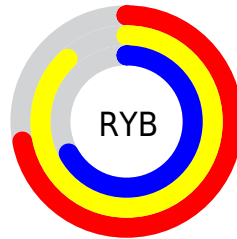
Distribution



Red (88%)

Green (84%)

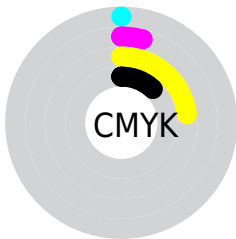
Blue (67%)



Red (72%)

Yellow (88%)

Blue (67%)

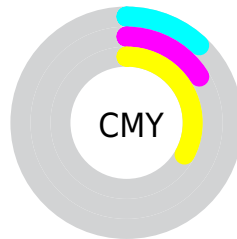


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4267, 0.3497, 0.3774 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 67.4267, 0.3497, 0.3774 by changing the saturation by 10% instead.

■ 67.4267, 0.3497,
0.3774

■ 67.4267, 0.3497,
0.3774

451.4621, 0.3325,
0.3546

■ 49.4315, 0.3536,
0.3827

■ 115.5316, 0.3437,
0.3694

■ 34.9619, 0.3584,
0.3892

146.4101, 0.3414,
0.3663

■ 23.6335, 0.3645,
0.3976

182.3518, 0.3394,
0.3637

■ 15.0620, 0.3723,
0.4085

223.7411, 0.3377,
0.3614

■ 8.8629, 0.3827,
0.4234

270.9623, 0.3362,
0.3594

■ 4.6519, 0.3970,
0.4446

324.4000, 0.3348,

■ 2.0445, 0.4297,

0.3576

0.4909

384.4385, 0.3336,
0.3560

0.6331, 0.4468,
0.5532

0.0000, 0.0000,
0.0000

67.4267, 0.3497,
0.3774

67.4267, 0.3497,
0.3774

64.7008, 0.3669,
0.3987

70.3499, 0.3331,
0.3561

62.1556, 0.3842,
0.4192

73.4683, 0.3175,
0.3354

59.7857, 0.4010,
0.4380

76.7917, 0.3030,
0.3157

57.5824, 0.4166,
0.4541

79.8943, 0.2935,
0.3037

■ 55.5354, 0.4303,
0.4664

■ 82.0680, 0.2935,
0.3077

■ 53.6332, 0.4414,
0.4744

■ 84.2895, 0.2936,
0.3118

■ 51.8619, 0.4496,
0.4777

■ 86.5590, 0.2937,
0.3157

■ 50.7159, 0.4538,
0.4779

■ 88.8769, 0.2938,
0.3197

■ 91.2434, 0.2939,
0.3236

Harmonies

Analogous

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



67.4267, 0.3658, 0.3646



67.4267, 0.3497, 0.3774



67.4267, 0.3240, 0.3768

Triad

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



67.4267, 0.3497, 0.3774



67.4267, 0.2612, 0.3105



67.4267, 0.3280, 0.2994

Complementary

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



67.4267, 0.3497, 0.3774



47.1784, 0.2743, 0.2755

Split Complementary

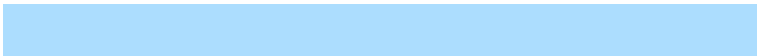
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4267, 0.2995, 0.2860



67.4267, 0.3497, 0.3774



67.4267, 0.2620, 0.2913

Square

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



67.4267, 0.3497, 0.3774



67.4267, 0.2734, 0.3365



67.4267, 0.2757, 0.2828



67.4267, 0.3531, 0.3200

Rectangle

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



67.4267, 0.3497, 0.3774



67.4267, 0.3052, 0.3681



67.4267, 0.2757, 0.2828



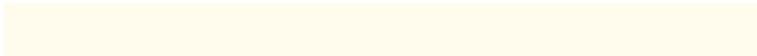
67.4267, 0.3184, 0.2940

Sweetspot

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



67.4297, 0.3497, 0.3774



96.9594, 0.3234, 0.3433



48.7081, 0.3518, 0.3180



20.6985, 0.3243, 0.3446



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.



67.4297, 0.3497, 0.3774



88.6351, 0.3583, 0.3881



69.6051, 0.3352, 0.3891



15.6072, 0.3271, 0.3483



29.6829, 0.4532, 0.4784



2.1647, 0.4471, 0.4832

Inverse Universe

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



47.1784, 0.2743, 0.2755



56.7887, 0.2650, 0.2620



45.6391, 0.2862, 0.2663



13.6225, 0.2981, 0.3090



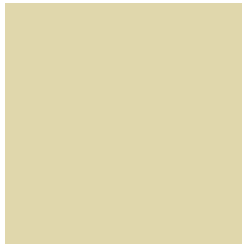
4.0750, 0.1544, 0.0758



0.3981, 0.1616, 0.1016

Previews

White Background



This preview shows how the Yxy color 67.4267, 0.3497, 0.3774 looks on a white background.

Color Contrast Check

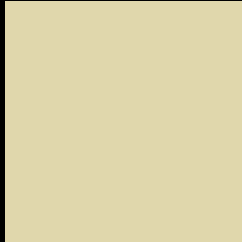
Large Text (above 18pt) WCAG AA × Fail

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 67.4267, 0.3497, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

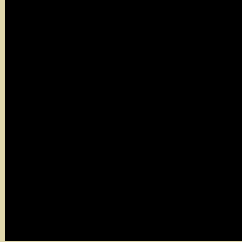
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

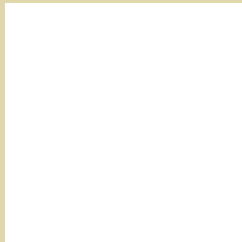
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4267, 0.3497, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 67.4267, 0.3497, 0.3774.



This preview shows how white text looks on a background with the Yxy color 67.4267, 0.3497, 0.3774.

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

67.4267, 0.3497, 0.3774

Protanopia

67.5274, 0.3539, 0.3770

Deuteranopia

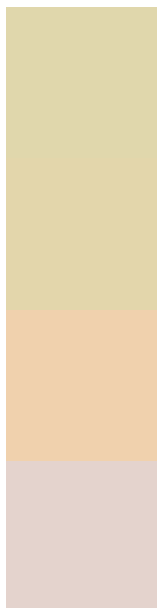
67.3383, 0.3707, 0.3629



Tritanopia

67.4825, 0.3188, 0.3119

Trichromacy



Original Color

67.4267, 0.3497, 0.3774

Protanomaly

67.3643, 0.3531, 0.3771

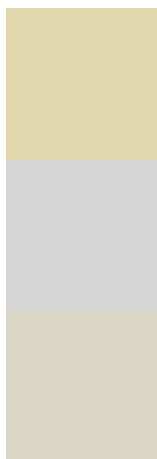
Deuteranomaly

67.1433, 0.3633, 0.3681

Tritanomaly

67.4903, 0.3297, 0.3356

Monochromacy



Original Color

67.4267, 0.3497, 0.3774

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.9221, 0.3260, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4267, 0.3497, 0.3774 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, 215, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 215, 172)  
}
```

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, 215, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 215, 172) }
```

Border

The CSS property to change the border of an element to Yxy 67.4267, 0.3497, 0.3774 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, 215, 172) }
```

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

```
.border{ border-color:rgb(224, 215, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 215, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 215, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 215, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 215,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4267, 0.3497, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 215, 172) }
```

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

```
.background{ background-color: rgb(224,  
215, 172) }
```

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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