

Converting Colors

Yxy(66.4339, 0.3495, 0.3741)

Have a look what the booklet for
Yxy(66.4339, 0.3495, 0.3741)
contains.

Yxy(66.4529, 0.3495, 0.3741)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.4529, 0.3495, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	E0D5AD
RGB	224, 213, 173
RGB Percent	88%, 84%, 68%
CMY	0.1215, 0.1647, 0.3215
CMYK	0.00, 0.05, 0.23, 0.12
HSL	47°, 45%, 78%
HSV	47°, 23%, 88%
XYZ	62.0831, 66.4529, 49.0981
YIQ	211.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

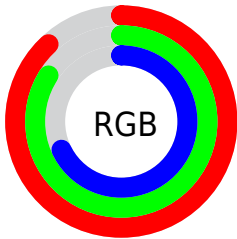
Format	Color
RYB	187, 224, 173
Decimal	14734765
CIELab	85.23, -2.50, 21.16
CIELCh	85, 21.309, 96.731
Yxy	66.4529, 0.3495, 0.3741
Android (android.graphics.Color)	4292924845 (0xFFE0D5AD)
YUV	211.7290, -19.0934, 10.7617
Hunter-Lab	81.5186, -6.7153, 21.3531

Details

The Yxy color **66.4529, 0.3495, 0.3741** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.5663, 0.2753, 0.2794**, and the grayscale version is **65.7723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **34.1346, 0.3586, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **63.2609, 0.3672, 0.3944**, and if you desaturate by 10%, it is **69.8690, 0.3326, 0.3539**.

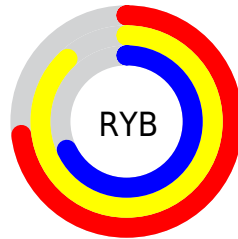
Distribution



Red (88%)

Green (84%)

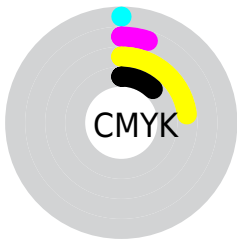
Blue (68%)



Red (73%)

Yellow (88%)

Blue (68%)

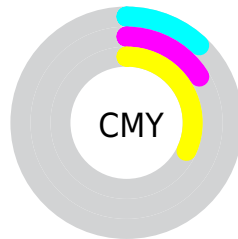


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4529, 0.3495, 0.3741 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 66.4529, 0.3495, 0.3741 by changing the saturation by 10% instead.

■ 66.4529, 0.3495,
0.3741

■ 66.4529, 0.3495,
0.3741

447.9949, 0.3323,
0.3528

■ 48.6401, 0.3534,
0.3790

■ 114.1361, 0.3435,
0.3667

■ 34.3341, 0.3583,
0.3852

144.7754, 0.3412,
0.3638

■ 23.1504, 0.3645,
0.3930

180.4589, 0.3392,
0.3613

■ 14.7046, 0.3724,
0.4032

221.5712, 0.3375,
0.3592

■ 8.6123, 0.3832,
0.4171

268.4965, 0.3359,
0.3573

■ 4.4892, 0.3981,
0.4370

321.6193, 0.3346,

■ 1.9508, 0.4318,

0.3556

0.4805

381.3239, 0.3334,
0.3542

0.5787, 0.4580,
0.5420

0.0000, 0.0000,
0.0000

66.4529, 0.3495,
0.3741

66.4529, 0.3495,
0.3741

63.2609, 0.3672,
0.3944

69.8690, 0.3326,
0.3539

60.2762, 0.3854,
0.4142

73.5075, 0.3169,
0.3343

57.4932, 0.4034,
0.4323

77.3785, 0.3024,
0.3157

54.9026, 0.4204,
0.4479

80.9874, 0.2935,
0.3057

■ 52.4941, 0.4357,
0.4598

■ 83.7560, 0.2937,
0.3108

■ 50.2559, 0.4486,
0.4673

■ 86.6004, 0.2938,
0.3158

■ 48.1738, 0.4585,
0.4701

■ 89.5210, 0.2939,
0.3207

■ 46.7487, 0.4641,
0.4697

■ 92.5185, 0.2940,
0.3257

■ 94.5904, 0.2941,
0.3289

Harmonies

Analogous

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



66.4529, 0.3636, 0.3612



66.4529, 0.3495, 0.3741



66.4529, 0.3258, 0.3747

Triad

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



66.4529, 0.3495, 0.3741



66.4529, 0.2645, 0.3136



66.4529, 0.3248, 0.2996

Complementary

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



66.4529, 0.3495, 0.3741



48.5663, 0.2753, 0.2794

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.



66.4529, 0.2980, 0.2876



66.4529, 0.3495, 0.3741



66.4529, 0.2641, 0.2946

Square

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



66.4529, 0.3495, 0.3741



66.4529, 0.2771, 0.3384



66.4529, 0.2761, 0.2856



66.4529, 0.3491, 0.3186

Rectangle

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



66.4529, 0.3495, 0.3741



66.4529, 0.3080, 0.3672



66.4529, 0.2761, 0.2856



66.4529, 0.3157, 0.2946

Sweetspot

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



66.4559, 0.3495, 0.3741



96.4668, 0.3235, 0.3426



49.2080, 0.3494, 0.3163



20.5842, 0.3244, 0.3437



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.



66.4559, 0.3495, 0.3741



87.2037, 0.3573, 0.3831



69.9779, 0.3361, 0.3877



15.5005, 0.3272, 0.3473



27.3809, 0.4633, 0.4703



2.0244, 0.4552, 0.4768

Inverse Universe

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



48.5663, 0.2753, 0.2794



59.4641, 0.2672, 0.2683



45.9010, 0.2854, 0.2673



13.7210, 0.2981, 0.3101



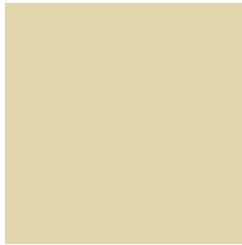
4.5202, 0.1564, 0.0829



0.4445, 0.1642, 0.1112

Previews

White Background



This preview shows how the Yxy color 66.4529, 0.3495, 0.3741 looks on a white background.

Color Contrast Check

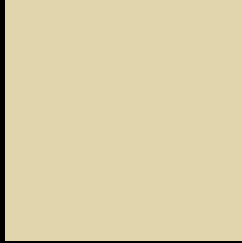
Large Text (above 18pt) WCAG AA × Fail

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 66.4529, 0.3495, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

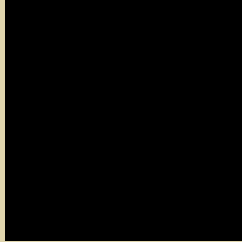
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4529, 0.3495, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 66.4529, 0.3495, 0.3741.



This preview shows how white text looks on a background with the Yxy color 66.4529, 0.3495, 0.3741.

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

66.4529, 0.3495, 0.3741

Protanopia

66.2728, 0.3513, 0.3728

Deuteranopia

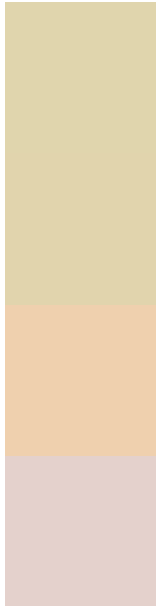
66.5319, 0.3686, 0.3610



Tritanopia

66.2395, 0.3196, 0.3118

Trichromacy



Original Color

66.4529, 0.3495, 0.3741

Protanomaly

66.1116, 0.3505, 0.3729

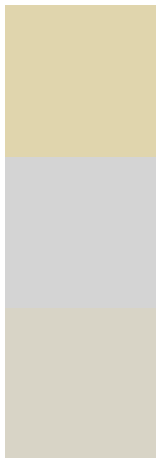
Deuteranomaly

66.5185, 0.3620, 0.3660

Tritanomaly

66.4545, 0.3307, 0.3345

Monochromacy



Original Color

66.4529, 0.3495, 0.3741

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7631, 0.3255, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4529, 0.3495, 0.3741 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, 213, 173)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 173)  
}
```

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, 213, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 173) }
```

Border

The CSS property to change the border of an element to Yxy 66.4529, 0.3495, 0.3741 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, 213, 173) }
```

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

```
.border{ border-color:rgb(224, 213, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 173);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4529, 0.3495, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 173) }
```

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

```
.background{ background-color: rgb(224,  
213, 173) }
```

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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