

Converting Colors

Yxy(66.9761, 0.3345, 0.3449)

Have a look what the booklet for
Yxy(66.9761, 0.3345, 0.3449)
contains.

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Color

Yxy(66.9506, 0.3348, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	E3D3C5
RGB	227, 211, 197
RGB Percent	89%, 83%, 77%
CMY	0.1096, 0.1726, 0.2274
CMYK	0.00, 0.07, 0.13, 0.11
HSL	28°, 35%, 83%
HSV	28°, 13%, 89%
XYZ	65.0655, 66.9506, 62.3253
YIQ	214.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

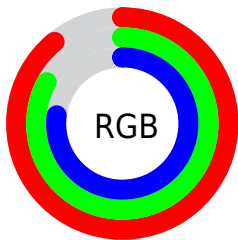
Format	Color
R _Y B	227, 223, 197
Decimal	14930885
CIE Lab	85.48, 3.25, 8.90
CIE LCh	85, 9.480, 69.922
Yxy	66.9506, 0.3348, 0.3445
Android (android.graphics.Color)	4293120965 (0xFFE3D3C5)
YUV	214.1880, -8.4737, 11.2361
Hunter-Lab	81.8233, -1.2486, 12.1148

Details

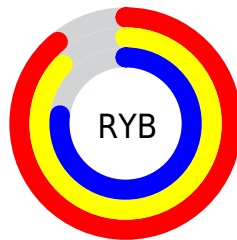
The Yxy color **66.9506, 0.3348, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0545, 0.2921, 0.3130**, and the grayscale version is **67.4359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **34.7550, 0.3399, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **60.1807, 0.3544, 0.3569**, and if you desaturate by 10%, it is **74.3393, 0.3177, 0.3327**.

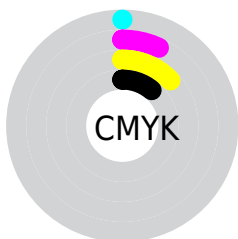
Distribution



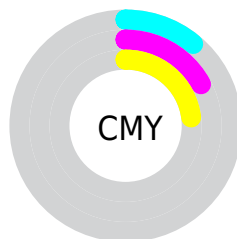
- Red (89%)
- Green (83%)
- Blue (77%)



- Red (89%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9506, 0.3348, 0.3445 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 66.9506, 0.3348, 0.3445 by changing the saturation by 10% instead.

66.9506, 0.3348,
0.3445

66.9506, 0.3348,
0.3445

449.7689, 0.3244,
0.3373

49.0445, 0.3372,
0.3462

114.8496, 0.3311,
0.3420

34.6548, 0.3403,
0.3482

145.6113, 0.3297,
0.3410

23.3971, 0.3441,
0.3508

181.4270, 0.3285,
0.3402

14.8870, 0.3493,
0.3543

222.6810, 0.3275,
0.3394

8.7401, 0.3564,
0.3590

269.7579, 0.3266,
0.3388

4.5720, 0.3670,
0.3658

323.0419, 0.3258,

1.9984, 0.3841,

0.3382

0.3764

382.9174, 0.3250,
0.3377

0.6066, 0.5044,
0.4664

0.0000, 0.0000,
0.0000

66.9506, 0.3348,
0.3445

66.9506, 0.3348,
0.3445

60.1807, 0.3544,
0.3569

74.3393, 0.3177,
0.3327

54.0038, 0.3767,
0.3696

82.3542, 0.3029,
0.3216

48.4049, 0.4017,
0.3821

90.3439, 0.2957,
0.3213

43.3652, 0.4291,
0.3934

95.0803, 0.2958,
0.3290

■ 38.8643, 0.4581,
0.4026

■ 34.8807, 0.4873,
0.4083

■ 31.3905, 0.5150,
0.4092

■ 28.3667, 0.5390,
0.4047

■ 26.5626, 0.5530,
0.3991

Harmonies

Analogous

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



66.9506, 0.3354, 0.3358



66.9506, 0.3348, 0.3445



66.9506, 0.3282, 0.3492

Triad

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



66.9506, 0.3348, 0.3445



66.9506, 0.2959, 0.3322



66.9506, 0.3076, 0.3105

Complementary

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



66.9506, 0.3348, 0.3445



65.0545, 0.2921, 0.3130

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.



66.9506, 0.2972, 0.3092



66.9506, 0.3348, 0.3445



66.9506, 0.2906, 0.3215

Square

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



66.9506, 0.3348, 0.3445



66.9506, 0.3057, 0.3421



66.9506, 0.2911, 0.3132



66.9506, 0.3195, 0.3164

Rectangle

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



66.9506, 0.3348, 0.3445



66.9506, 0.3214, 0.3493



66.9506, 0.2911, 0.3132



66.9506, 0.3038, 0.3095

Sweetspot

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



66.9536, 0.3348, 0.3445



95.9279, 0.3190, 0.3336



61.1115, 0.3242, 0.3108



20.3718, 0.3202, 0.3345



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.



66.9536, 0.3348, 0.3445



84.5006, 0.3402, 0.3480



74.5237, 0.3327, 0.3601



15.4672, 0.3281, 0.3400



15.7113, 0.5506, 0.4010



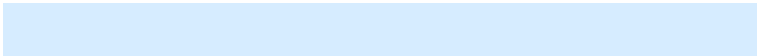
1.3454, 0.5265, 0.4201

Inverse Universe

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



65.0545, 0.2921, 0.3130



81.5532, 0.2876, 0.3092



58.0470, 0.2917, 0.2959



15.1577, 0.2981, 0.3178



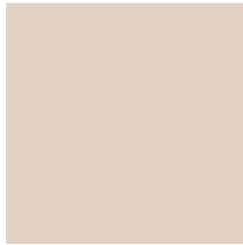
11.5086, 0.1806, 0.1700



1.0360, 0.1875, 0.1950

Previews

White Background



This preview shows how the Yxy color 66.9506, 0.3348, 0.3445 looks on a white background.

Color Contrast Check

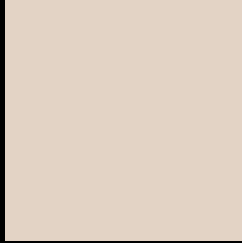
Large Text (above 18pt) WCAG AA × Fail

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 66.9506, 0.3348, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

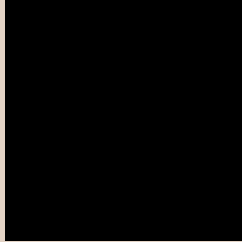
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

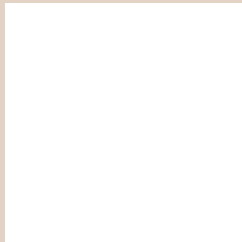
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9506, 0.3348, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 66.9506, 0.3348, 0.3445.



This preview shows how white text looks on a background with the Yxy color 66.9506, 0.3348, 0.3445.

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

66.9506, 0.3348, 0.3445

Protanopia

67.0379, 0.3292, 0.3458

Deuteranopia

66.7451, 0.3450, 0.3377



Tritanopia

66.9423, 0.3195, 0.3119

Trichromacy



Original Color

66.9506, 0.3348, 0.3445

Protanomaly

66.8522, 0.3308, 0.3447

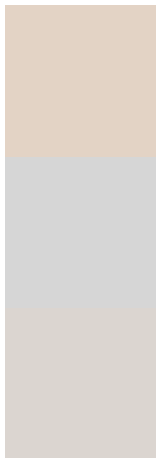
Deuteranomaly

66.8511, 0.3407, 0.3399

Tritanomaly

66.7898, 0.3251, 0.3225

Monochromacy



Original Color

66.9506, 0.3348, 0.3445

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2026, 0.3206, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9506, 0.3348, 0.3445 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(227, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 197)  
}
```

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(227, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.9506, 0.3348, 0.3445 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(227, 211, 197) }
```

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

```
.border{ border-color:rgb(227, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9506, 0.3348, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 197) }
```

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

```
.background{ background-color: rgb(227,  
211, 197) }
```

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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