

Converting Colors

Yxy(67.9605, 0.3436, 0.3532)

Have a look what the booklet for
Yxy(67.9605, 0.3436, 0.3532)
contains.

Yxy(67.9605, 0.3436, 0.3532)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9605, 0.3436, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	E8D4BE
RGB	232, 212, 190
RGB Percent	91%, 83%, 75%
CMY	0.0902, 0.1686, 0.2550
CMYK	0.00, 0.09, 0.18, 0.09
HSL	31°, 48%, 83%
HSV	31°, 18%, 91%
XYZ	66.1133, 67.9605, 58.3398
YIQ	215.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

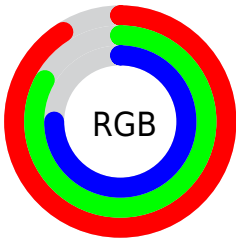
Format	Color
R _Y B	228, 232, 190
Decimal	15258814
CIE Lab	85.99, 3.42, 13.40
CIE LCh	86, 13.827, 75.683
Yxy	67.9605, 0.3436, 0.3532
Android (android.graphics.Color)	4293448894 (0xFFE8D4BE)
YUV	215.4720, -12.5577, 14.4951
Hunter-Lab	82.4382, -1.1143, 15.7484

Details

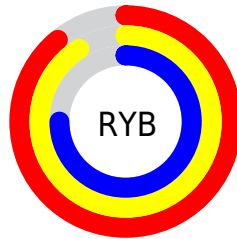
The Yxy color **67.9605, 0.3436, 0.3532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8497, 0.2842, 0.3035**, and the grayscale version is **68.3695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **35.1502, 0.3509, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **61.6976, 0.3639, 0.3673**, and if you desaturate by 10%, it is **74.7682, 0.3257, 0.3395**.

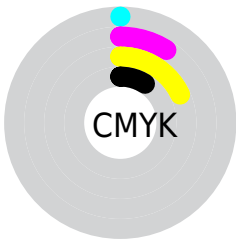
Distribution



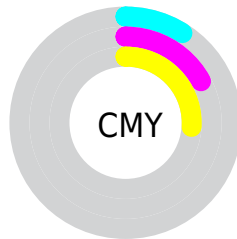
- Red (91%)
- Green (83%)
- Blue (75%)



- Red (89%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9605, 0.3436, 0.3532 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 67.9605, 0.3436, 0.3532 by changing the saturation by 10% instead.

 67.9605, 0.3436,
0.3532

 67.9605, 0.3436,
0.3532


453.3561, 0.3291,
0.3420

 49.8656, 0.3470,
0.3558


 116.2956, 0.3385,
0.3493

 35.3066, 0.3512,
0.3589

147.3047, 0.3366,
0.3478

 23.8992, 0.3565,
0.3630


183.3872, 0.3349,
0.3465

 15.2588, 0.3636,
0.3682

224.9276, 0.3334,
0.3453

 9.0012, 0.3733,
0.3753

272.3103, 0.3321,
0.3443

 4.7420, 0.3875,
0.3854

325.9197, 0.3310,

 2.0967, 0.4099,

0.3435

0.4007

386.1401, 0.3300,
0.3427

0.6628, 0.5184,
0.4816

0.0000, 0.0000,
0.0000

67.9605, 0.3436,
0.3532

67.9605, 0.3436,
0.3532

61.6976, 0.3639,
0.3673

74.7682, 0.3257,
0.3395

55.9552, 0.3864,
0.3815

82.1259, 0.3099,
0.3266

50.7204, 0.4111,
0.3950

89.7515, 0.2987,
0.3191

45.9762, 0.4373,
0.4068

95.8946, 0.2987,
0.3290

■ 41.7044, 0.4639,
0.4157

■ 37.8851, 0.4897,
0.4205

■ 34.4960, 0.5128,
0.4201

■ 31.5089, 0.5321,
0.4143

■ 30.9826, 0.5356,
0.4129

Harmonies

Analogous

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



67.9605, 0.3463, 0.3413



67.9605, 0.3436, 0.3532



67.9605, 0.3325, 0.3589

Triad

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



67.9605, 0.3436, 0.3532



67.9605, 0.2864, 0.3304



67.9605, 0.3084, 0.3035

Complementary

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



67.9605, 0.3436, 0.3532



62.8497, 0.2842, 0.3035

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.



67.9605, 0.2927, 0.3003



67.9605, 0.3436, 0.3532



67.9605, 0.2803, 0.3152

Square

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



67.9605, 0.3436, 0.3532



67.9605, 0.2994, 0.3457



67.9605, 0.2826, 0.3044



67.9605, 0.3257, 0.3131

Rectangle

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



67.9605, 0.3436, 0.3532



67.9605, 0.3220, 0.3581



67.9605, 0.2826, 0.3044



67.9605, 0.3028, 0.3017

Sweetspot

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



67.9635, 0.3436, 0.3532



95.3967, 0.3206, 0.3355



58.6434, 0.3315, 0.3068



20.2834, 0.3217, 0.3364



0.0000, 0.0000, 0.0000



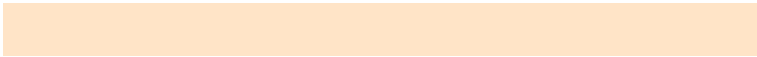
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9635, 0.3436, 0.3532



81.0374, 0.3514, 0.3588



78.4641, 0.3394, 0.3741



15.6122, 0.3279, 0.3413



17.4557, 0.5333, 0.4148



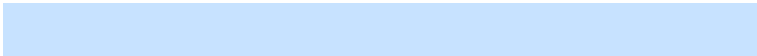
1.4757, 0.5121, 0.4316

Inverse Universe

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



62.8497, 0.2842, 0.3035



73.5174, 0.2776, 0.2972



53.6828, 0.2834, 0.2797



15.0125, 0.2981, 0.3164



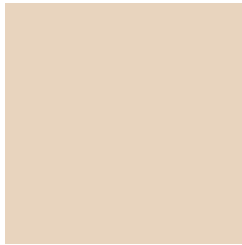
9.7184, 0.1751, 0.1502



0.9031, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 67.9605, 0.3436, 0.3532 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 67.9605, 0.3436, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

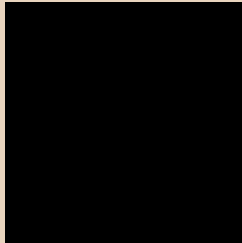
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9605, 0.3436, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 67.9605, 0.3436, 0.3532.



This preview shows how white text looks on a background with the Yxy color 67.9605, 0.3436, 0.3532.

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

67.9605, 0.3436, 0.3532

Protanopia

67.8623, 0.3371, 0.3546

Deuteranopia

67.7997, 0.3541, 0.3461



Tritanopia

67.7862, 0.3233, 0.3121

Trichromacy



Original Color

67.9605, 0.3436, 0.3532

Protanomaly

67.8441, 0.3396, 0.3534

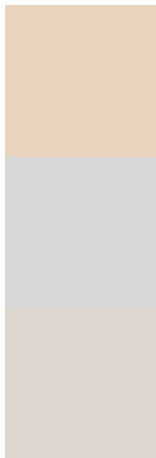
Deuteranomaly

67.8878, 0.3497, 0.3484

Tritanomaly

67.9662, 0.3310, 0.3269

Monochromacy



Original Color

67.9605, 0.3436, 0.3532

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9215, 0.3234, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9605, 0.3436, 0.3532 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(232, 212, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 190)  
}
```

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(232, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 190) }
```

Border

The CSS property to change the border of an element to Yxy 67.9605, 0.3436, 0.3532 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(232, 212, 190) }
```

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

```
.border{ border-color:rgb(232, 212, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9605, 0.3436, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 190) }
```

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

```
.background{ background-color: rgb(232,  
212, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor