

# Converting Colors

$Yxy(68.9506, 0.3453, 0.3474)$

Have a look what the booklet for  
Yxy(68.9506, 0.3453, 0.3474)  
contains.

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# Color

**Yxy(68.6607, 0.3455, 0.3474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED3C2
RGB	238, 211, 194
RGB Percent	93%, 83%, 76%
CMY	0.0668, 0.1725, 0.2392
CMYK	0.00, 0.11, 0.18, 0.07
HSL	23°, 56%, 85%
HSV	23°, 18%, 93%
XYZ	68.2852, 68.6607, 60.6957
YIQ	217.1350, 21.5490, 0.4370

# Conversions

## Conversions Part 2

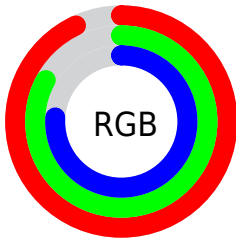
Format	Color
RYB	238, 222, 194
Decimal	15651778
CIELab	86.34, 6.71, 11.84
CIELCh	86, 13.612, 60.449
Yxy	68.6607, 0.3455, 0.3474
Android (android.graphics.Color)	4293841858 (0xFFEED3C2)
YUV	217.1350, -11.4056, 18.2986
Hunter-Lab	82.8618, 2.0912, 14.5737

# Details

The Yxy color **68.6607, 0.3455, 0.3474** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3355, 0.2839, 0.3099**, and the grayscale version is **69.5541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **35.9525, 0.3542, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **60.7540, 0.3675, 0.3580**, and if you desaturate by 10%, it is **77.4029, 0.3266, 0.3372**.

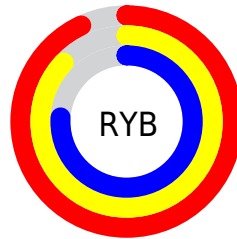
# Distribution



Red (93%)

Green (83%)

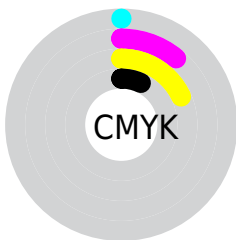
Blue (76%)



Red (93%)

Yellow (87%)

Blue (76%)

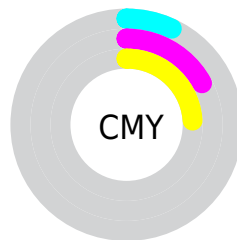


Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 68.6607, 0.3455, 0.3474 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 68.6607, 0.3455, 0.3474 by changing the saturation by 10% instead.





 68.6607, 0.3455,  
0.3474

 68.6607, 0.3455,  
0.3474


455.8334, 0.3301,  
0.3390

 50.4354, 0.3491,  
0.3493


 117.2968, 0.3401,  
0.3445

 35.7595, 0.3535,  
0.3516


148.4765, 0.3380,  
0.3434

 24.2485, 0.3592,  
0.3546


184.7430, 0.3362,  
0.3424

 15.5181, 0.3668,  
0.3583

226.4809, 0.3347,  
0.3415

 9.1838, 0.3772,  
0.3634

274.0745, 0.3333,  
0.3408

 4.8613, 0.3924,  
0.3704

327.9081, 0.3321,

 2.1661, 0.4167,

0.3401

0.3807

388.3663, 0.3310,  
0.3395

0.7014, 0.5421,  
0.4579

0.0000, 0.0000,  
0.0000

68.6607, 0.3455,  
0.3474

68.6607, 0.3455,  
0.3474

60.7540, 0.3675,  
0.3580

77.4029, 0.3266,  
0.3372

53.6481, 0.3928,  
0.3687

86.9957, 0.3104,  
0.3276

47.3189, 0.4215,  
0.3787

96.7775, 0.3023,  
0.3288

41.7381, 0.4529,  
0.3872

96.9124, 0.3023,  
0.3290

■ 36.8747, 0.4860,  
0.3928

■ 32.6958, 0.5187,  
0.3944

■ 29.1646, 0.5483,  
0.3909

■ 26.2368, 0.5726,  
0.3823

■ 25.8373, 0.5760,  
0.3808

# Harmonies

## Analogous

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



68.6607, 0.3434, 0.3340



68.6607, 0.3455, 0.3474



68.6607, 0.3385, 0.3564

# Triad

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



68.6607, 0.3455, 0.3474



68.6607, 0.2927, 0.3383



68.6607, 0.3002, 0.3015

# Complementary

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



68.6607, 0.3455, 0.3474



69.3355, 0.2839, 0.3099

# 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.



68.6607, 0.2872, 0.3019



68.6607, 0.3455, 0.3474



68.6607, 0.2829, 0.3228

# Square

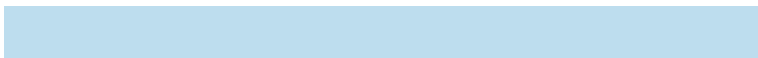
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.6607, 0.3455, 0.3474



68.6607, 0.3079, 0.3515



68.6607, 0.2810, 0.3095



68.6607, 0.3169, 0.3080



# Rectangle

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



68.6607, 0.3455, 0.3474



68.6607, 0.3298, 0.3585



68.6607, 0.2810, 0.3095



68.6607, 0.2953, 0.3008

# Sweetspot

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



68.6638, 0.3455, 0.3474



93.2134, 0.3224, 0.3348



61.9857, 0.3274, 0.3002



19.7981, 0.3235, 0.3354



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.



68.6638, 0.3455, 0.3474



76.8822, 0.3531, 0.3512



80.2568, 0.3414, 0.3699



16.7615, 0.3284, 0.3382



14.6509, 0.5732, 0.3830



1.4062, 0.5488, 0.4024

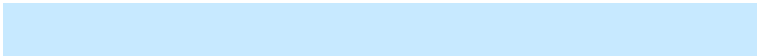


# Inverse Universe

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



69.3355, 0.2839, 0.3099



77.7947, 0.2782, 0.3057



58.5511, 0.2825, 0.2845



16.8423, 0.2980, 0.3196



15.1591, 0.1881, 0.1971



1.4534, 0.1934, 0.2163



# Previews

## White Background



This preview shows how the Yxy color 68.6607, 0.3455, 0.3474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

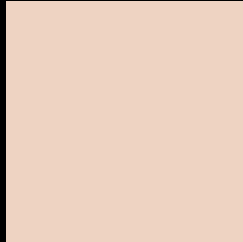
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 68.6607, 0.3455, 0.3474 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 68.6607, 0.3455, 0.3474**

## **Background**



This preview shows how black text looks on a background with the Yxy color 68.6607, 0.3455, 0.3474.



This preview shows how white text looks on a background with the Yxy color 68.6607, 0.3455, 0.3474.

# 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

68.6607, 0.3455, 0.3474

### Protanopia

68.5940, 0.3334, 0.3501

### Deuteranopia

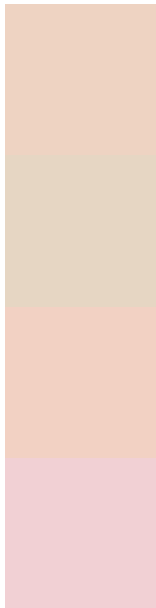
68.4644, 0.3509, 0.3429



## Tritanopia

68.8306, 0.3279, 0.3123

# Trichromacy



**Original Color**

68.6607, 0.3455, 0.3474

**Protanomaly**

68.8563, 0.3381, 0.3499

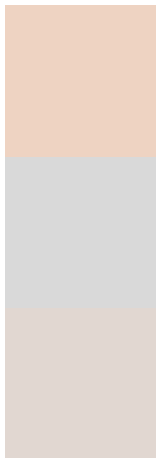
**Deuteranomaly**

68.4183, 0.3483, 0.3440

**Tritanomaly**

68.5660, 0.3350, 0.3248

# Monochromacy



**Original Color**

68.6607, 0.3455, 0.3474

**Achromatopsia**

69.3872, 0.3127, 0.3290

**Achromatomaly**

69.2119, 0.3242, 0.3356

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 68.6607, 0.3455, 0.3474 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(238, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 194)  
}
```

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(238, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 68.6607, 0.3455, 0.3474 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(238, 211, 194) }
```

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

```
.border{ border-color:rgb(238, 211, 194) }
```

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

Here you see how a box with a 4 pixel rgb(238, 211, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 68.6607, 0.3455, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 194) }
```

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

```
.background{ background-color: rgb(238,  
211, 194) }
```

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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