

Converting Colors

Yxy(68.1834, 0.3952, 0.4291)

Have a look what the booklet for
Yxy(68.1834, 0.3952, 0.4291)
contains.

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Color

Yxy(67.9859, 0.3953, 0.4287)

Conversions

Conversions Part 1

Format	Color
Hex	EED779
RGB	237, 215, 121
RGB Percent	93%, 84%, 47%
CMY	0.0704, 0.1569, 0.5254
CMYK	0.00, 0.09, 0.49, 0.07
HSL	49°, 76%, 70%
HSV	49°, 49%, 93%
XYZ	62.6891, 67.9859, 27.9112
YIQ	210.8620, 43.2860, -24.5700

Conversions

Conversions Part 2

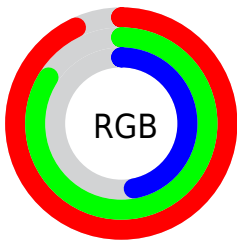
Format	Color
RYB	148, 237, 121
Decimal	15587193
CIELab	86.00, -4.42, 48.81
CIELCh	86, 49.012, 95.174
Yxy	67.9859, 0.3953, 0.4287
Android (android.graphics.Color)	4293777273 (0xFFEDD779)
YUV	210.8620, -44.3020, 22.9230
Hunter-Lab	82.4536, -8.5809, 37.6474

Details

The Yxy color **67.9859, 0.3953, 0.4287** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.8496, 0.2245, 0.2030**, and the grayscale version is **65.3280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **35.1550, 0.4127, 0.4501** is the 20% darker color. If you saturate the color by 10%, you get **65.2137, 0.4121, 0.4458**, and if you desaturate by 10%, it is **70.9705, 0.3777, 0.4093**.

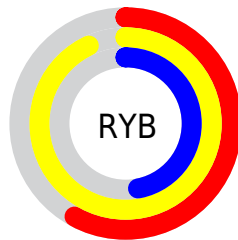
Distribution



Red (93%)

Green (84%)

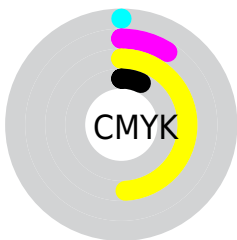
Blue (47%)



Red (58%)

Yellow (93%)

Blue (47%)

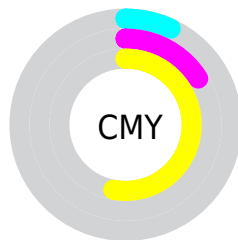


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9859, 0.3953, 0.4287 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 67.9859, 0.3953, 0.4287 by changing the saturation by 10% instead.


 67.9859, 0.3953,
0.4287

 67.9859, 0.3953,
0.4287


453.4461, 0.3584,
0.3831


 49.8863, 0.4030,
0.4385


 116.3320, 0.3830,
0.4133

 35.3230, 0.4121,
0.4503


 147.3472, 0.3780,
0.4071

 23.9118, 0.4227,
0.4643


 183.4364, 0.3737,
0.4018

 15.2682, 0.4349,
0.4811

224.9840, 0.3699,
0.3971

 9.0078, 0.4481,
0.5004

272.3744, 0.3665,
0.3930

 4.7463, 0.4688,
0.5312

325.9919, 0.3635,

 2.0992, 0.4629,

0.3894

0.5371

386.2210, 0.3608,
0.3861

■ 0.6642, 0.4407,
0.5593

■ 0.0000, 0.0000,
0.0000

■ 67.9859, 0.3953,
0.4287

■ 67.9859, 0.3953,
0.4287

■ 65.2137, 0.4121,
0.4458

■ 70.9705, 0.3777,
0.4093

■ 62.6333, 0.4272,
0.4596


■ 74.1681, 0.3600,
0.3887


■ 60.2352, 0.4401,
0.4691


■ 77.5911, 0.3428,
0.3676

■ 58.0045, 0.4502,
0.4740

■ 81.2481, 0.3264,
0.3469


 55.9189, 0.4574,
0.4745


 85.1470, 0.3112,
0.3270

 55.7053, 0.4581,
0.4745

 88.7532, 0.3018,
0.3161

 91.4693, 0.3018,
0.3206

 94.2520, 0.3018,
0.3251

 96.7527, 0.3018,
0.3290

Harmonies

Analogous

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



67.9859, 0.4285, 0.3930



67.9859, 0.3953, 0.4287



67.9859, 0.3416, 0.4386

Triad

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



67.9859, 0.3953, 0.4287



67.9859, 0.2089, 0.2928



67.9859, 0.3352, 0.2641

Complementary

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



67.9859, 0.3953, 0.4287



29.8496, 0.2245, 0.2030

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.



67.9859, 0.2753, 0.2403



67.9859, 0.3953, 0.4287



67.9859, 0.2076, 0.2522

Square

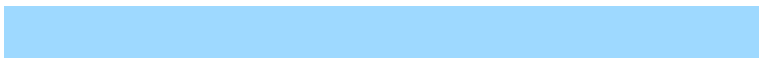
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.9859, 0.3953, 0.4287



67.9859, 0.2351, 0.3520



67.9859, 0.2305, 0.2353



67.9859, 0.3935, 0.3019

Rectangle

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



67.9859, 0.3953, 0.4287



67.9859, 0.3020, 0.4237



67.9859, 0.2305, 0.2353



67.9859, 0.3144, 0.2543

Sweetspot

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



67.9891, 0.3953, 0.4287



93.2248, 0.3363, 0.3595



33.7111, 0.4217, 0.3036



19.7612, 0.3398, 0.3639



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.



67.9891, 0.3953, 0.4287



76.8809, 0.4125, 0.4462



74.5665, 0.3587, 0.4598



17.1119, 0.3273, 0.3479



30.5831, 0.4574, 0.4750



2.5267, 0.4511, 0.4800

Inverse Universe

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



29.8496, 0.2245, 0.2030



27.0124, 0.2048, 0.1717



26.8456, 0.2451, 0.1837



15.0123, 0.2980, 0.3093



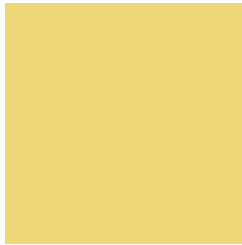
4.5063, 0.1551, 0.0783



0.4831, 0.1617, 0.1020

Previews

White Background



This preview shows how the Yxy color 67.9859, 0.3953, 0.4287 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 67.9859, 0.3953, 0.4287 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 67.9859, 0.3953, 0.4287

Background



This preview shows how black text looks on a background with the Yxy color 67.9859, 0.3953, 0.4287.



This preview shows how white text looks on a background with the Yxy color 67.9859, 0.3953, 0.4287.

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

67.9859, 0.3953, 0.4287

Protanopia

67.8142, 0.3945, 0.4291

Deuteranopia

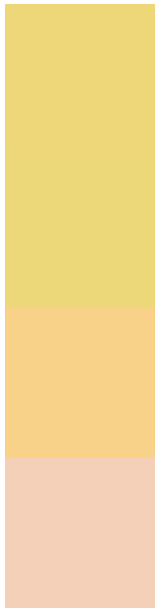
67.8993, 0.3979, 0.3939



Tritanopia

68.0744, 0.3350, 0.3135

Trichromacy



Original Color

67.9859, 0.3953, 0.4287

Protanomaly

67.8142, 0.3945, 0.4291

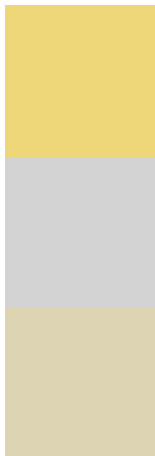
Deuteranomaly

67.8272, 0.3966, 0.4063

Tritanomaly

67.5853, 0.3584, 0.3559

Monochromacy



Original Color

67.9859, 0.3953, 0.4287

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5170, 0.3429, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9859, 0.3953, 0.4287 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(237, 215, 121)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 121)  
}
```

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(237, 215, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 121) }
```

Border

The CSS property to change the border of an element to Yxy 67.9859, 0.3953, 0.4287 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(237, 215, 121) }
```

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

```
.border{ border-color:rgb(237, 215, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 121);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9859, 0.3953, 0.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 121) }
```

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

```
.background{ background-color: rgb(237,  
215, 121) }
```

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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