

Converting Colors

$Yxy(67.1865, 0.3702, 0.3893)$

Have a look what the booklet for
Yxy(67.1865, 0.3702, 0.3893)
contains.

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Color

Yxy(67.1835, 0.3702, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	EBD49D
RGB	235, 212, 157
RGB Percent	92%, 83%, 62%
CMY	0.0785, 0.1686, 0.3843
CMYK	0.00, 0.10, 0.33, 0.08
HSL	42°, 66%, 77%
HSV	42°, 33%, 92%
XYZ	63.8873, 67.1835, 41.5043
YIQ	212.6070, 31.3630, -12.2290

Conversions

Conversions Part 2

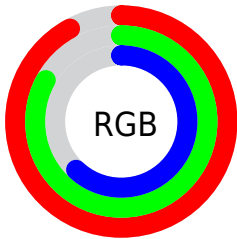
Format	Color
RYB	190, 235, 157
Decimal	15455389
CIELab	85.60, 0.07, 30.15
CIELCh	86, 30.153, 89.864
Yxy	67.1835, 0.3702, 0.3893
Android (android.graphics.Color)	4293645469 (0xFFEBD49D)
YUV	212.6070, -27.4143, 19.6387
Hunter-Lab	81.9655, -4.3095, 27.3536

Details

The Yxy color **67.1835, 0.3702, 0.3893** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8047, 0.2568, 0.2602**, and the grayscale version is **66.4355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **34.9386, 0.3834, 0.4042** is the 20% darker color. If you saturate the color by 10%, you get **63.0714, 0.3900, 0.4074**, and if you desaturate by 10%, it is **71.6046, 0.3513, 0.3707**.

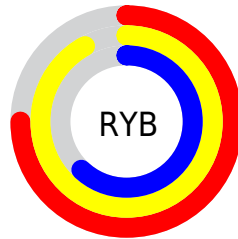
Distribution



Red (92%)

Green (83%)

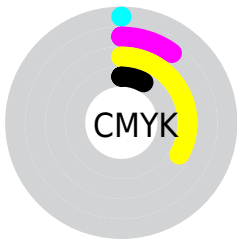
Blue (62%)



Red (75%)

Yellow (92%)

Blue (62%)

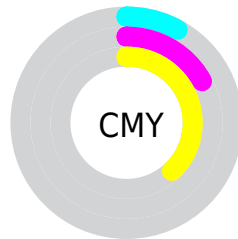


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (8%)



Cyan (8%)


Magenta (17%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1835, 0.3702, 0.3893 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 67.1835, 0.3702, 0.3893 by changing the saturation by 10% instead.


 67.1835, 0.3702,
0.3893

 67.1835, 0.3702,
0.3893


450.5977, 0.3435,
0.3613

 49.2338, 0.3762,
0.3956


 115.1833, 0.3610,
0.3796

 34.8050, 0.3836,
0.4034


 146.0022, 0.3574,
0.3758

 23.5127, 0.3929,
0.4130


181.8795, 0.3543,
0.3726

 14.9725, 0.4046,
0.4253

223.1998, 0.3515,
0.3697

 8.8001, 0.4199,
0.4413

270.3473, 0.3492,
0.3672

 4.6110, 0.4398,
0.4622

323.7066, 0.3471,

 2.0209, 0.4877,

0.3650

0.5123

383.6619, 0.3452,
0.3631

0.6196, 0.4880,
0.5120

0.0000, 0.0000,
0.0000

67.1835, 0.3702,
0.3893

67.1835, 0.3702,
0.3893

63.0714, 0.3900,
0.4074

71.6046, 0.3513,
0.3707

59.2483, 0.4101,
0.4240


76.3354, 0.3337,
0.3523


55.7057, 0.4298,
0.4382


81.3884, 0.3175,
0.3345


52.4306, 0.4481,
0.4487


86.7723, 0.3029,
0.3176

 49.4085, 0.4640,
0.4546

 91.1750, 0.3005,
0.3207

 46.6220, 0.4769,
0.4555

 95.4803, 0.3005,
0.3275

 44.8397, 0.4842,
0.4538

 96.3996, 0.3005,
0.3290

Harmonies

Analogous

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



67.1835, 0.3864, 0.3671



67.1835, 0.3702, 0.3893



67.1835, 0.3388, 0.3958

Triad

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



67.1835, 0.3702, 0.3893



67.1835, 0.2482, 0.3141



67.1835, 0.3206, 0.2835

Complementary

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



67.1835, 0.3702, 0.3893



45.8047, 0.2568, 0.2602

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.



67.1835, 0.2839, 0.2699



67.1835, 0.3702, 0.3893



67.1835, 0.2439, 0.2852

Square

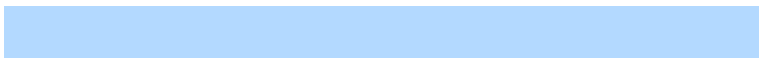
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1835, 0.3702, 0.3893



67.1835, 0.2688, 0.3503



67.1835, 0.2565, 0.2700



67.1835, 0.3570, 0.3076

Rectangle

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



67.1835, 0.3702, 0.3893



67.1835, 0.3141, 0.3886



67.1835, 0.2565, 0.2700



67.1835, 0.3078, 0.2777

Sweetspot

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



67.1866, 0.3702, 0.3893



93.7645, 0.3285, 0.3466



45.0902, 0.3666, 0.3028



19.8887, 0.3308, 0.3491



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.



67.1866, 0.3702, 0.3893



77.3808, 0.3840, 0.4021



76.9634, 0.3512, 0.4151



16.8338, 0.3275, 0.3455



25.1908, 0.4829, 0.4548



2.1435, 0.4720, 0.4634

Inverse Universe

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



45.8047, 0.2568, 0.2602



47.8818, 0.2439, 0.2427



38.9557, 0.2648, 0.2334



15.2722, 0.2980, 0.3119



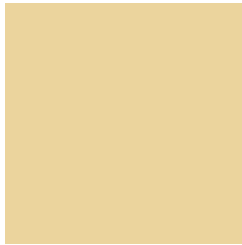
5.9162, 0.1608, 0.0987



0.6262, 0.1683, 0.1259

Previews

White Background



This preview shows how the Yxy color 67.1835, 0.3702, 0.3893 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 67.1835, 0.3702, 0.3893 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

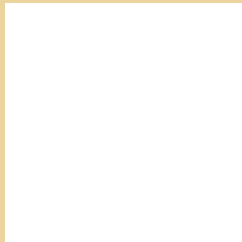
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1835, 0.3702, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 67.1835, 0.3702, 0.3893.



This preview shows how white text looks on a background with the Yxy color 67.1835, 0.3702, 0.3893.

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

67.1835, 0.3702, 0.3893

Protanopia

67.3848, 0.3648, 0.3911

Deuteranopia

67.0139, 0.3866, 0.3782



Tritanopia

67.2303, 0.3304, 0.3123

Trichromacy



Original Color

67.1835, 0.3702, 0.3893

Protanomaly

67.2129, 0.3668, 0.3898

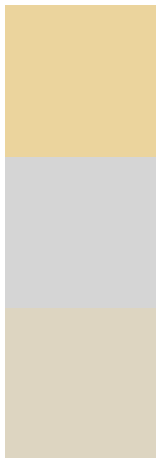
Deuteranomaly

67.1732, 0.3798, 0.3823

Tritanomaly

67.0076, 0.3448, 0.3398

Monochromacy



Original Color

67.1835, 0.3702, 0.3893

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.8109, 0.3327, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1835, 0.3702, 0.3893 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(235, 212, 157)` looks like.

```
.text, #text, p{  
    color:rgb(235, 212, 157)  
}
```

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(235, 212, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 212, 157) }
```

Border

The CSS property to change the border of an element to Yxy 67.1835, 0.3702, 0.3893 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(235, 212, 157) }
```

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

```
.border{ border-color:rgb(235, 212, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 212, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 212, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 212, 157);  
box-shadow:4px 4px 4px 4px rgb(235, 212,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1835, 0.3702, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 212, 157) }
```

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

```
.background{ background-color: rgb(235,  
212, 157) }
```

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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