

Converting Colors

Yxy(66.8684, 0.3897, 0.4230)

Have a look what the booklet for
Yxy(66.8684, 0.3897, 0.4230)
contains.

Yxy(67.1179, 0.3895, 0.4229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1179, 0.3895, 0.4229)

Conversions

Conversions Part 1

Format	Color
Hex	EAD67F
RGB	234, 214, 127
RGB Percent	92%, 84%, 50%
CMY	0.0822, 0.1608, 0.5020
CMYK	0.00, 0.09, 0.46, 0.08
HSL	49°, 72%, 71%
HSV	49°, 46%, 92%
XYZ	61.8170, 67.1179, 29.7737
YIQ	210.0620, 39.8470, -22.8170

Conversions

Conversions Part 2

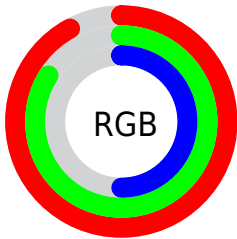
Format	Color
RYB	152, 234, 127
Decimal	15390335
CIELab	85.56, -4.57, 45.30
CIELCh	86, 45.525, 95.760
Yxy	67.1179, 0.3895, 0.4229
Android (android.graphics.Color)	4293580415 (0xFFEAD67F)
YUV	210.0620, -40.9496, 20.9936
Hunter-Lab	81.9255, -8.6822, 35.8004

Details

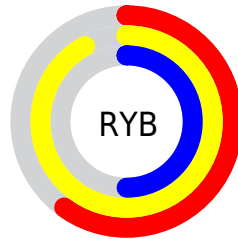
The Yxy color **67.1179, 0.3895, 0.4229** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.3328, 0.2308, 0.2124**, and the grayscale version is **64.7500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **34.8935, 0.4045, 0.4441** is the 20% darker color. If you saturate the color by 10%, you get **64.3920, 0.4065, 0.4409**, and if you desaturate by 10%, it is **70.0514, 0.3719, 0.4030**.

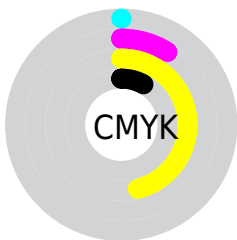
Distribution



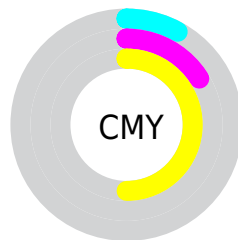
- Red (92%)
- Green (84%)
- Blue (50%)



- Red (60%)
- Yellow (92%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (8%)





- Cyan (8%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1179, 0.3895, 0.4229 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 67.1179, 0.3895, 0.4229 by changing the saturation by 10% instead.


 67.1179, 0.3895,
0.4229

 67.1179, 0.3895,
0.4229


450.3643, 0.3549,
0.3796


 49.1804, 0.3969,
0.4324


 115.0893, 0.3778,
0.4081

 34.7626, 0.4056,
0.4438


 145.8921, 0.3732,
0.4023

 23.4801, 0.4160,
0.4577


 181.7521, 0.3691,
0.3972

 14.9484, 0.4281,
0.4745

223.0537, 0.3656,
0.3928

 8.7832, 0.4418,
0.4947

270.1814, 0.3624,
0.3889

 4.6000, 0.4680,
0.5320

323.5194, 0.3596,

 2.0146, 0.4618,

0.3855

383.4523, 0.3571,
0.3824

0.5382

0.6159, 0.4348,
0.5652

0.0000, 0.0000,
0.0000

67.1179, 0.3895,
0.4229

67.1179, 0.3895,
0.4229

64.3920, 0.4065,
0.4409

70.0514, 0.3719,
0.4030

61.8540, 0.4222,
0.4559


73.1926, 0.3544,
0.3821

59.4952, 0.4358,
0.4669


76.5533, 0.3374,
0.3610


57.3021, 0.4467,
0.4734

80.1416, 0.3214,
0.3404


 55.2580, 0.4546,
0.4752


 83.9652, 0.3065,
0.3207

 54.4203, 0.4574,
0.4750

 87.2054, 0.3000,
0.3143

 89.8204, 0.3000,
0.3187

 92.4982, 0.3000,
0.3231

 95.2391, 0.3000,
0.3274

Harmonies

Analogous

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



67.1179, 0.4207, 0.3905



67.1179, 0.3895, 0.4229



67.1179, 0.3391, 0.4306

Triad

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



67.1179, 0.3895, 0.4229



67.1179, 0.2150, 0.2946



67.1179, 0.3350, 0.2686

Complementary

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



67.1179, 0.3895, 0.4229



31.3328, 0.2308, 0.2124

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.



67.1179, 0.2789, 0.2458



67.1179, 0.3895, 0.4229



67.1179, 0.2141, 0.2567

Square

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



67.1179, 0.3895, 0.4229



67.1179, 0.2394, 0.3495



67.1179, 0.2362, 0.2409



67.1179, 0.3890, 0.3046

Rectangle

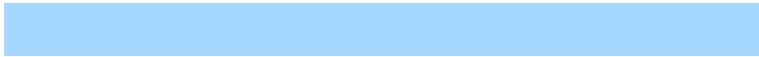
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1179, 0.3895, 0.4229



67.1179, 0.3020, 0.4161



67.1179, 0.2362, 0.2409



67.1179, 0.3156, 0.2593

Sweetspot

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



67.1210, 0.3895, 0.4229



93.7199, 0.3347, 0.3575



34.8271, 0.4109, 0.3050



19.8634, 0.3382, 0.3620



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.



67.1210, 0.3895, 0.4229



78.3888, 0.4057, 0.4401



72.9429, 0.3563, 0.4512



17.1196, 0.3273, 0.3480



30.7455, 0.4567, 0.4756



2.5380, 0.4506, 0.4804

Inverse Universe

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



31.3328, 0.2308, 0.2124



29.8996, 0.2123, 0.1834



28.5024, 0.2506, 0.1943



15.0051, 0.2980, 0.3093



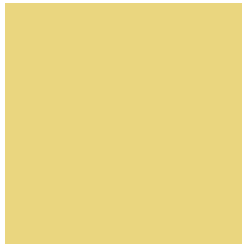
4.4763, 0.1550, 0.0778



0.4798, 0.1615, 0.1014

Previews

White Background



This preview shows how the Yxy color 67.1179, 0.3895, 0.4229 looks on a white background.

Color Contrast Check

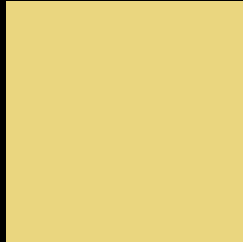
Large Text (above 18pt) WCAG AA × Fail

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 67.1179, 0.3895, 0.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

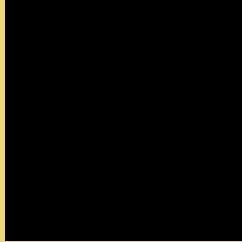
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1179, 0.3895, 0.4229

Background



This preview shows how black text looks on a background with the Yxy color 67.1179, 0.3895, 0.4229.



This preview shows how white text looks on a background with the Yxy color 67.1179, 0.3895, 0.4229.

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

67.1179, 0.3895, 0.4229

Protanopia

67.1179, 0.3895, 0.4229

Deuteranopia

66.8457, 0.4011, 0.3950



Tritanopia

66.8810, 0.3320, 0.3123

Trichromacy



Original Color

67.1179, 0.3895, 0.4229

Protanomaly

67.1179, 0.3895, 0.4229

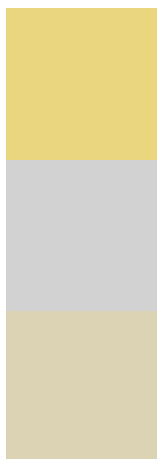
Deuteranomaly

66.6635, 0.3967, 0.4047

Tritanomaly

66.6961, 0.3540, 0.3518

Monochromacy



Original Color

67.1179, 0.3895, 0.4229

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.9439, 0.3409, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1179, 0.3895, 0.4229 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(234, 214, 127)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 127)  
}
```

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(234, 214, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 127) }
```

Border

The CSS property to change the border of an element to Yxy 67.1179, 0.3895, 0.4229 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(234, 214, 127) }
```

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

```
.border{ border-color:rgb(234, 214, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 127);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1179, 0.3895, 0.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 127) }
```

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

```
.background{ background-color: rgb(234,  
214, 127) }
```

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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