

Converting Colors

$Yxy(66.1076, 0.3797, 0.4038)$

Have a look what the booklet for
Yxy(66.1076, 0.3797, 0.4038)
contains.

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Color

Yxy(66.0641, 0.3798, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	EAD38F
RGB	234, 211, 143
RGB Percent	92%, 83%, 56%
CMY	0.0824, 0.1725, 0.4390
CMYK	0.00, 0.10, 0.39, 0.08
HSL	45°, 68%, 74%
HSV	45°, 39%, 92%
XYZ	62.1838, 66.0641, 35.4798
YIQ	210.1250, 35.5360, -16.2720

Conversions

Conversions Part 2

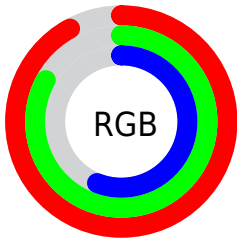
Format	Color
RYB	174, 234, 143
Decimal	15389583
CIELab	85.03, -1.41, 36.56
CIELCh	85, 36.588, 92.209
Yxy	66.0641, 0.3798, 0.4035
Android (android.graphics.Color)	4293579663 (0xFFEAD38F)
YUV	210.1250, -33.0926, 20.9384
Hunter-Lab	81.2798, -5.6769, 31.0150

Details

The Yxy color **66.0641, 0.3798, 0.4035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0673, 0.2456, 0.2409**, and the grayscale version is **64.7425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **34.2338, 0.3946, 0.4206** is the 20% darker color. If you saturate the color by 10%, you get **62.5457, 0.3988, 0.4217**, and if you desaturate by 10%, it is **69.8446, 0.3611, 0.3842**.

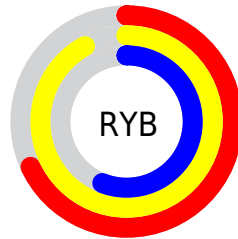
Distribution



Red (92%)

Green (83%)

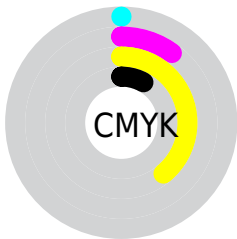
Blue (56%)



Red (68%)

Yellow (92%)

Blue (56%)

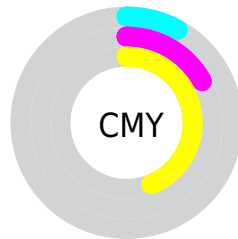


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (8%)



Cyan (8%)


Magenta (17%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0641, 0.3798, 0.4035 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 66.0641, 0.3798, 0.4035 by changing the saturation by 10% instead.


 66.0641, 0.3798,
0.4035


 66.0641, 0.3798,
0.4035


446.6061, 0.3489,
0.3689

 48.3244, 0.3867,
0.4112


 113.5783, 0.3692,
0.3916

 34.0839, 0.3950,
0.4207


 144.1217, 0.3650,
0.3869

 22.9581, 0.4052,
0.4323


179.7017, 0.3614,
0.3829

 14.5625, 0.4179,
0.4469

220.7029, 0.3583,
0.3794

 8.5129, 0.4337,
0.4652

267.5095, 0.3555,
0.3763

 4.4249, 0.4566,
0.4921

320.5059, 0.3530,

 1.9140, 0.4794,

0.3736

0.5206

380.0767, 0.3508,
0.3711

■ 0.5568, 0.4705,
0.5295

■ 0.0000, 0.0000,
0.0000

■ 66.0641, 0.3798,
0.4035

■ 66.0641, 0.3798,
0.4035

■ 62.5457, 0.3988,
0.4217

■ 69.8446, 0.3611,
0.3842

■ 59.2699, 0.4175,
0.4378


■ 73.8876, 0.3432,
0.3646


■ 56.2281, 0.4349,
0.4507

■ 78.2052, 0.3264,
0.3454

■ 53.4076, 0.4502,
0.4594


■ 82.8057, 0.3110,
0.3270

 50.7931, 0.4627,
0.4633

 87.3679, 0.2999,
0.3146

 48.3626, 0.4723,
0.4626

 90.9174, 0.2999,
0.3205

 48.0950, 0.4733,
0.4624

 94.5814, 0.2999,
0.3264

 96.2303, 0.2999,
0.3290

Harmonies

Analogous

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



66.0641, 0.4018, 0.3768



66.0641, 0.3798, 0.4035



66.0641, 0.3404, 0.4109

Triad

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



66.0641, 0.3798, 0.4035



66.0641, 0.2338, 0.3069



66.0641, 0.3256, 0.2763

Complementary

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



66.0641, 0.3798, 0.4035



39.0673, 0.2456, 0.2409

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.



66.0641, 0.2806, 0.2589



66.0641, 0.3798, 0.4035



66.0641, 0.2304, 0.2733

Square

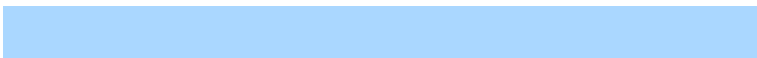
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0641, 0.3798, 0.4035



66.0641, 0.2567, 0.3514



66.0641, 0.2468, 0.2572



66.0641, 0.3698, 0.3055

Rectangle

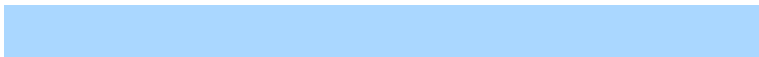
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0641, 0.3798, 0.4035



66.0641, 0.3102, 0.4010



66.0641, 0.2468, 0.2572



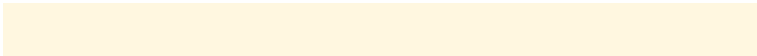
66.0641, 0.3100, 0.2689

Sweetspot

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



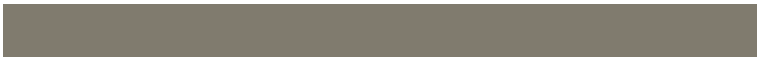
66.0672, 0.3798, 0.4035



93.3487, 0.3316, 0.3514



39.9514, 0.3832, 0.3016



19.8319, 0.3338, 0.3540



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.



66.0672, 0.3798, 0.4035



76.7091, 0.3957, 0.4188



74.9349, 0.3551, 0.4309



16.9449, 0.3274, 0.3465



27.2410, 0.4723, 0.4632



2.2907, 0.4633, 0.4703

Inverse Universe

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



39.0673, 0.2456, 0.2409



39.4514, 0.2297, 0.2179



33.5208, 0.2571, 0.2152



15.1675, 0.2980, 0.3109



5.2729, 0.1582, 0.0896



0.5638, 0.1655, 0.1157

Previews

White Background



This preview shows how the Yxy color 66.0641, 0.3798, 0.4035 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 66.0641, 0.3798, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

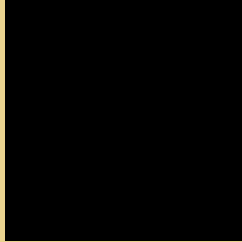
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0641, 0.3798, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 66.0641, 0.3798, 0.4035.



This preview shows how white text looks on a background with the Yxy color 66.0641, 0.3798, 0.4035.

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

66.0641, 0.3798, 0.4035

Protanopia

65.9236, 0.3755, 0.4044

Deuteranopia

65.8270, 0.3982, 0.3893



Tritanopia

66.1281, 0.3328, 0.3133

Trichromacy



Original Color

66.0641, 0.3798, 0.4035

Protanomaly

66.0895, 0.3763, 0.4042

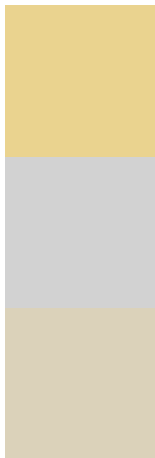
Deuteranomaly

65.9304, 0.3919, 0.3947

Tritanomaly

65.7311, 0.3505, 0.3453

Monochromacy



Original Color

66.0641, 0.3798, 0.4035

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6984, 0.3367, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0641, 0.3798, 0.4035 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, 211, 143)` looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 143)  
}
```

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, 211, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 143) }
```

Border

The CSS property to change the border of an element to Yxy 66.0641, 0.3798, 0.4035 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, 211, 143) }
```

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

```
.border{ border-color:rgb(234, 211, 143) }
```

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

Here you see how a box with a 4 pixel rgb(234, 211, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 143);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0641, 0.3798, 0.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 143) }
```

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

```
.background{ background-color: rgb(234,  
211, 143) }
```

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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