

Converting Colors

$Yxy(67.2674, 0.3931, 0.4431)$

Have a look what the booklet for
Yxy(67.2674, 0.3931, 0.4431)
contains.

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Color

Yxy(67.2674, 0.3931, 0.4431)

Conversions

Conversions Part 1

Format	Color
Hex	E4D96F
RGB	228, 217, 111
RGB Percent	89%, 85%, 44%
CMY	0.1059, 0.1490, 0.5648
CMYK	0.00, 0.05, 0.51, 0.11
HSL	54°, 68%, 66%
HSV	54°, 51%, 89%
XYZ	59.6769, 67.2674, 24.8666
YIQ	208.2050, 40.5820, -30.6340

Conversions

Conversions Part 2

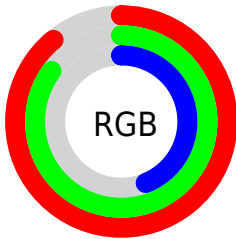
Format	Color
RYB	123, 228, 111
Decimal	14997871
CIELab	85.64, -9.95, 52.99
CIELCh	86, 53.916, 100.637
Yxy	67.2674, 0.3931, 0.4431
Android (android.graphics.Color)	4293187951 (0xFFE4D96F)
YUV	208.2050, -47.9221, 17.3602
Hunter-Lab	82.0167, -13.6494, 39.4356

Details

The Yxy color **67.2674, 0.3931, 0.4431** is a light color, and the websafe version is hex **CCCC66**, and the color name is **straw**. A complement of this color would be **22.8896, 0.2170, 0.1806**, and the grayscale version is **63.5139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **34.7025, 0.4080, 0.4675** is the 20% darker color. If you saturate the color by 10%, you get **65.7332, 0.4068, 0.4608**, and if you desaturate by 10%, it is **68.9503, 0.3779, 0.4227**.

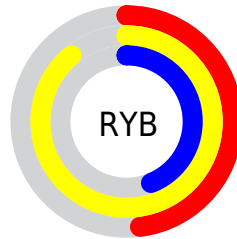
Distribution



Red (89%)

Green (85%)

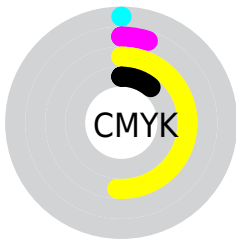
Blue (44%)



Red (48%)

Yellow (89%)

Blue (44%)

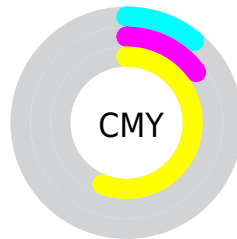


Cyan (0%)

Magenta (5%)

Yellow (51%)

Black (11%)



Cyan (11%)

Magenta (15%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2674, 0.3931, 0.4431 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 67.2674, 0.3931, 0.4431 by changing the saturation by 10% instead.


 67.2674, 0.3931,
0.4431

 67.2674, 0.3931,
0.4431


450.8960, 0.3579,
0.3905

 49.3020, 0.4002,
0.4545


 115.3035, 0.3816,
0.4252


 34.8591, 0.4083,
0.4682

 146.1429, 0.3769,
0.4181

 23.5543, 0.4174,
0.4844


 182.0425, 0.3727,
0.4120

 15.0034, 0.4270,
0.5038

 223.3866, 0.3690,
0.4066

 8.8217, 0.4371,
0.5275

270.5596, 0.3658,
0.4018

 4.6251, 0.4447,
0.5553

323.9459, 0.3629,

 2.0290, 0.4309,

0.3976

0.5691

383.9299, 0.3602,
0.3938

0.6243, 0.3595,
0.6405

0.0000, 0.0000,
0.0000

67.2674, 0.3931,
0.4431

67.2674, 0.3931,
0.4431

65.7332, 0.4068,
0.4608

68.9503, 0.3779,
0.4227

64.3285, 0.4183,
0.4748


70.7815, 0.3620,
0.4004

63.0447, 0.4273,
0.4844

72.7724, 0.3458,
0.3774


61.8682, 0.4336,
0.4896

74.9304, 0.3299,
0.3544


 60.9156, 0.4371,
0.4912

 77.2626, 0.3147,
0.3319

 79.7756, 0.3004,
0.3105

 81.4318, 0.2961,
0.3056

 82.6457, 0.2961,
0.3078

 83.8744, 0.2961,
0.3100

Harmonies

Analogous

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



67.2674, 0.4355, 0.4064



67.2674, 0.3931, 0.4431



67.2674, 0.3317, 0.4484

Triad

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



67.2674, 0.3931, 0.4431



67.2674, 0.1972, 0.2784



67.2674, 0.3497, 0.2646

Complementary

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



67.2674, 0.3931, 0.4431



22.8896, 0.2170, 0.1806

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.



67.2674, 0.2824, 0.2358



67.2674, 0.3931, 0.4431



67.2674, 0.2008, 0.2394

Square

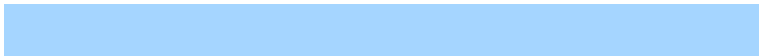
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2674, 0.3931, 0.4431



67.2674, 0.2203, 0.3412



67.2674, 0.2299, 0.2261



67.2674, 0.4116, 0.3075

Rectangle

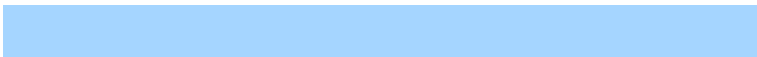
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2674, 0.3931, 0.4431



67.2674, 0.2886, 0.4268



67.2674, 0.2299, 0.2261



67.2674, 0.3267, 0.2532

Sweetspot

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



67.2705, 0.3931, 0.4431



95.5044, 0.3358, 0.3630



29.2780, 0.4452, 0.3161



20.3154, 0.3392, 0.3679



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.



67.2705, 0.3931, 0.4431



84.5242, 0.4081, 0.4624



66.4838, 0.3515, 0.4701



16.5734, 0.3270, 0.3501



35.2675, 0.4368, 0.4914



2.6740, 0.4339, 0.4937

Inverse Universe

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



22.8896, 0.2170, 0.1806



21.2912, 0.1952, 0.1446



24.2100, 0.2513, 0.1803



14.1039, 0.2980, 0.3070



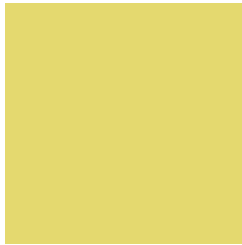
3.6285, 0.1518, 0.0665



0.3431, 0.1563, 0.0825

Previews

White Background



This preview shows how the Yxy color 67.2674, 0.3931, 0.4431 looks on a white background.

Color Contrast Check

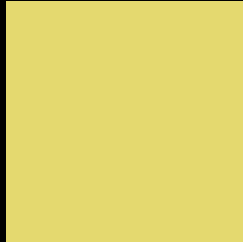
Large Text (above 18pt) WCAG AA × Fail

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 67.2674, 0.3931, 0.4431 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 67.2674, 0.3931, 0.4431

Background



This preview shows how black text looks on a background with the Yxy color 67.2674, 0.3931, 0.4431.



This preview shows how white text looks on a background with the Yxy color 67.2674, 0.3931, 0.4431.

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

67.2674, 0.3931, 0.4431

Protanopia

67.0518, 0.4018, 0.4384

Deuteranopia

67.2088, 0.4035, 0.3998



Tritanopia

67.2338, 0.3272, 0.3122

Trichromacy



Original Color

67.2674, 0.3931, 0.4431

Protanomaly

67.0503, 0.3988, 0.4404

Deuteranomaly

67.0642, 0.3997, 0.4149

Tritanomaly

66.5993, 0.3533, 0.3598

Monochromacy



Original Color

67.2674, 0.3931, 0.4431

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0527, 0.3428, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2674, 0.3931, 0.4431 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(228, 217, 111)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 111)  
}
```

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(228, 217, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 111) }
```

Border

The CSS property to change the border of an element to Yxy 67.2674, 0.3931, 0.4431 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(228, 217, 111) }
```

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

```
.border{ border-color:rgb(228, 217, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 111);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2674, 0.3931, 0.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 111) }
```

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

```
.background{ background-color: rgb(228,  
217, 111) }
```

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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