

Converting Colors

$Yxy(70.9109, 0.4097, 0.4685)$

Have a look what the booklet for
Yxy(70.9109, 0.4097, 0.4685)
contains.

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Color

Yxy(71.0467, 0.4100, 0.4685)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EBDF52 |
| RGB | 235, 223, 82 |
| RGB Percent | 92%, 87%, 32% |
| CMY | 0.0784, 0.1255, 0.6783 |
| CMYK | 0.00, 0.05, 0.65, 0.08 |
| HSL | 55°, 79%, 62% |
| HSV | 55°, 65%, 92% |
| XYZ | 62.1753, 71.0467, 18.4251 |
| YIQ | 210.5140, 52.4130, -41.3070 |

Conversions

Conversions Part 2

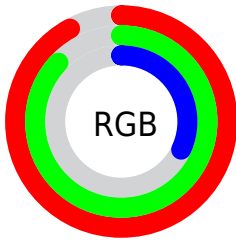
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 95, 235, 82 |
| Decimal | 15458130 |
| CIE Lab | 87.51, -12.11, 67.84 |
| CIE LCh | 88, 68.911, 100.124 |
| Yxy | 71.0467, 0.4100, 0.4685 |
| Android (android.graphics.Color) | 4293648210 (0xFFEBDF52) |
| YUV | 210.5140, -63.3574, 21.4742 |
| Hunter-Lab | 84.2892, -15.8368, 46.0420 |

Details

The Yxy color **71.0467, 0.4100, 0.4685** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **15.8074, 0.1893, 0.1331**, and the grayscale version is **65.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6150, 0.3809, 0.4417**, and **37.2728, 0.4251, 0.4952** is the 20% darker color. If you saturate the color by 10%, you get **69.7707, 0.4202, 0.4810**, and if you desaturate by 10%, it is **72.4625, 0.3975, 0.4520**.

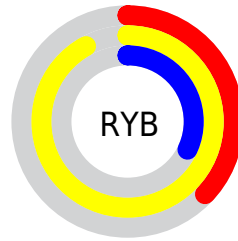
Distribution



Red (92%)

Green (87%)

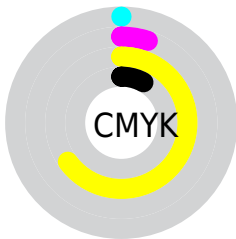
Blue (32%)



Red (37%)

Yellow (92%)

Blue (32%)

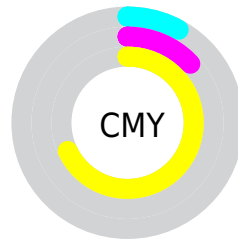


Cyan (0%)

Magenta (5%)

Yellow (65%)

Black (8%)



Cyan (8%)


Magenta (13%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0467, 0.4100, 0.4685 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 71.0467, 0.4100, 0.4685 by changing the saturation by 10% instead.


 71.0467, 0.4100,
0.4685

 71.0467, 0.4100,
0.4685


464.2167, 0.3697,
0.4065

 52.3803, 0.4172,
0.4810


 120.7002, 0.3975,
0.4481


 37.3083, 0.4249,
0.4954


 152.4561, 0.3922,
0.4398

 25.4463, 0.4325,
0.5115


 189.3440, 0.3874,
0.4325

 16.4099, 0.4391,
0.5292

 231.7482, 0.3831,
0.4261

 9.8146, 0.4470,
0.5530

280.0532, 0.3793,
0.4203

 5.2762, 0.4375,
0.5625

334.6434, 0.3758,

 2.4102, 0.4222,

0.4152

0.5778

395.9031, 0.3726,
0.4106

0.8311, 0.3729,
0.6271

0.0000, 0.0000,
0.0000

71.0467, 0.4100,
0.4685

71.0467, 0.4100,
0.4685

69.7707, 0.4202,
0.4810

72.4625, 0.3975,
0.4520

68.6115, 0.4276,
0.4891

74.0196, 0.3832,
0.4322


67.5562, 0.4324,
0.4929


75.7311, 0.3677,
0.4103

67.0641, 0.4340,
0.4936

77.6063, 0.3517,
0.3871

 79.6534, 0.3358,
0.3636

 81.8801, 0.3203,
0.3405

 84.2938, 0.3056,
0.3182

 85.8940, 0.3006,
0.3117

 86.9724, 0.3006,
0.3136

Harmonies

Analogous

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



71.0467, 0.4638, 0.4185



71.0467, 0.4100, 0.4685



71.0467, 0.3344, 0.4819

Triad

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



71.0467, 0.4100, 0.4685



71.0467, 0.1728, 0.2651



71.0467, 0.3566, 0.2497

Complementary

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



71.0467, 0.4100, 0.4685



15.8074, 0.1893, 0.1331

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.



71.0467, 0.2729, 0.2160



71.0467, 0.4100, 0.4685



71.0467, 0.1770, 0.2190

Square

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



71.0467, 0.4100, 0.4685



71.0467, 0.1995, 0.3442



71.0467, 0.2105, 0.2044



71.0467, 0.4358, 0.2998

Rectangle

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



71.0467, 0.4100, 0.4685



71.0467, 0.2818, 0.4564



71.0467, 0.2105, 0.2044



71.0467, 0.3275, 0.2363

Sweetspot

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



71.0500, 0.4100, 0.4685



94.6117, 0.3437, 0.3753



24.5262, 0.5089, 0.3173



20.1037, 0.3482, 0.3820



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.



71.0500, 0.4100, 0.4685



83.5056, 0.4229, 0.4842



68.7210, 0.3548, 0.5071



17.4128, 0.3270, 0.3505



37.4076, 0.4337, 0.4938



2.9976, 0.4315, 0.4956

Inverse Universe

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



15.8074, 0.1893, 0.1331



12.6615, 0.1684, 0.0970



18.1290, 0.2322, 0.1411



14.7388, 0.2980, 0.3066



3.6581, 0.1514, 0.0651



0.3534, 0.1551, 0.0782

Previews

White Background



This preview shows how the Yxy color 71.0467, 0.4100, 0.4685 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 71.0467, 0.4100, 0.4685 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 71.0467, 0.4100, 0.4685

Background



This preview shows how black text looks on a background with the Yxy color 71.0467, 0.4100, 0.4685.



This preview shows how white text looks on a background with the Yxy color 71.0467, 0.4100, 0.4685.

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

71.0467, 0.4100, 0.4685

Protanopia

71.1930, 0.4202, 0.4622

Deuteranopia

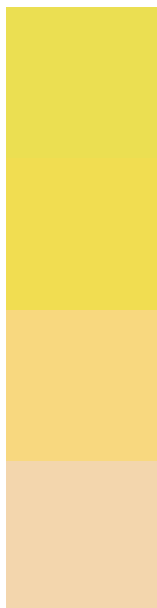
70.6140, 0.3899, 0.3908



Tritanopia

70.9936, 0.3307, 0.3126

Trichromacy



Original Color

71.0467, 0.4100, 0.4685

Protanomaly

71.0078, 0.4164, 0.4648

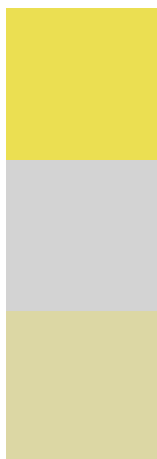
Deuteranomaly

70.6005, 0.3997, 0.4206

Tritanomaly

70.1650, 0.3643, 0.3729

Monochromacy



Original Color

71.0467, 0.4100, 0.4685

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.4969, 0.3523, 0.3871

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0467, 0.4100, 0.4685 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, 223, 82)` looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 82)  
}
```

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, 223, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 82) }
```

Border

The CSS property to change the border of an element to Yxy 71.0467, 0.4100, 0.4685 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, 223, 82) }
```

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

```
.border{ border-color:rgb(235, 223, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 82);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0467, 0.4100, 0.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 82) }
```

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

```
.background{ background-color: rgb(235,  
223, 82) }
```

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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