

Converting Colors

$Y_{xy}(71.2293, 0.3810, 0.4246)$

Have a look what the booklet for
Yxy(71.2293, 0.3810, 0.4246)
contains.

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Color

Yxy(71.2596, 0.3812, 0.4247)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E9DE85 |
| RGB | 233, 222, 133 |
| RGB Percent | 91%, 87%, 52% |
| CMY | 0.0862, 0.1294, 0.4785 |
| CMYK | 0.00, 0.05, 0.43, 0.09 |
| HSL | 53°, 69%, 72% |
| HSV | 53°, 43%, 91% |
| XYZ | 63.9608, 71.2596, 32.5677 |
| YIQ | 215.1430, 35.1250, -25.3470 |

Conversions

Conversions Part 2

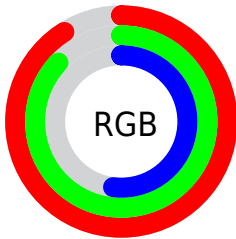
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 145, 233, 133 |
| Decimal | 15326853 |
| CIE _{Lab} | 87.61, -8.44, 44.89 |
| CIE _{LCh} | 88, 45.673, 100.653 |
| Yxy | 71.2596, 0.3812, 0.4247 |
| Android (android.graphics.Color) | 4293516933 (0xFFE9DE85) |
| YUV | 215.1430, -40.4965, 15.6606 |
| Hunter-Lab | 84.4154, -12.4790, 36.2166 |

Details

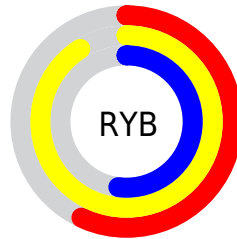
The Yxy color **71.2596, 0.3812, 0.4247** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.8136, 0.2346, 0.2105**, and the grayscale version is **68.3206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **37.4616, 0.3956, 0.4463** is the 20% darker color. If you saturate the color by 10%, you get **69.3370, 0.3965, 0.4445**, and if you desaturate by 10%, it is **73.3524, 0.3650, 0.4030**.

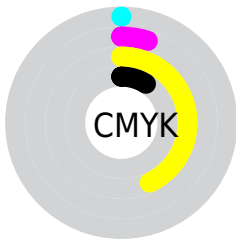
Distribution



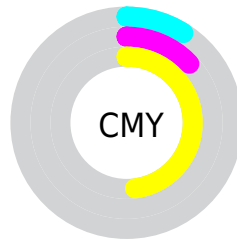
- Red (91%)
- Green (87%)
- Blue (52%)



- Red (57%)
- Yellow (91%)
- Blue (52%)



- Cyan (0%)
- Magenta (5%)
- Yellow (43%)
- Black (9%)




- Cyan (9%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2596, 0.3812, 0.4247 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 71.2596, 0.3812, 0.4247 by changing the saturation by 10% instead.


 71.2596, 0.3812,
0.4247


 71.2596, 0.3812,
0.4247


464.9604, 0.3508,
0.3805


 52.5541, 0.3876,
0.4345

 121.0033, 0.3711,
0.4096

 37.4469, 0.3950,
0.4463


 152.8102, 0.3670,
0.4036

 25.5537, 0.4039,
0.4607


 189.7531, 0.3634,
0.3985

 16.4901, 0.4141,
0.4785

232.2164, 0.3603,
0.3940

 9.8716, 0.4254,
0.5004

280.5843, 0.3575,
0.3900

 5.3139, 0.4443,
0.5365

335.2414, 0.3550,

 2.4326, 0.4425,

0.3865

0.5575

396.5719, 0.3528,
0.3833

0.8426, 0.4138,
0.5862

0.0000, 0.0000,
0.0000

71.2596, 0.3812,
0.4247

71.2596, 0.3812,
0.4247

69.3370, 0.3965,
0.4445

73.3524, 0.3650,
0.4030

67.5649, 0.4104,
0.4615


75.6142, 0.3486,
0.3803


65.9360, 0.4221,
0.4746


78.0564, 0.3325,
0.3575

64.4377, 0.4311,
0.4834

80.6865, 0.3171,
0.3353


 63.0550, 0.4373,
0.4876


 83.5116, 0.3026,
0.3141

 62.1303, 0.4404,
0.4885

 85.3388, 0.2993,
0.3113

 86.8375, 0.2993,
0.3139

 88.3575, 0.2993,
0.3165

 89.8989, 0.2993,
0.3191

Harmonies

Analogous

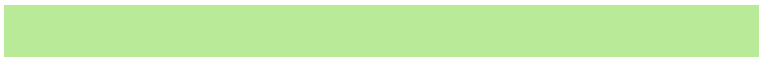
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2596, 0.4158, 0.3959



71.2596, 0.3812, 0.4247



71.2596, 0.3299, 0.4268

Triad

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



71.2596, 0.3812, 0.4247



71.2596, 0.2147, 0.2878



71.2596, 0.3440, 0.2745

Complementary

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



71.2596, 0.3812, 0.4247



30.8136, 0.2346, 0.2105

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.



71.2596, 0.2879, 0.2496



71.2596, 0.3812, 0.4247



71.2596, 0.2176, 0.2539

Square

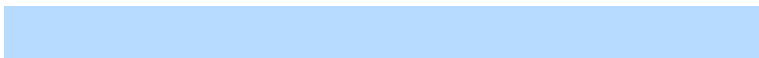
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2596, 0.3812, 0.4247



71.2596, 0.2351, 0.3399



71.2596, 0.2429, 0.2416



71.2596, 0.3948, 0.3117

Rectangle

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



71.2596, 0.3812, 0.4247



71.2596, 0.2935, 0.4087



71.2596, 0.2429, 0.2416



71.2596, 0.3249, 0.2646

Sweetspot

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



71.2629, 0.3812, 0.4247



95.7404, 0.3327, 0.3579



36.1303, 0.4117, 0.3160



20.3461, 0.3362, 0.3629



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.



71.2629, 0.3812, 0.4247



85.2360, 0.3956, 0.4433



71.5347, 0.3479, 0.4460



17.3273, 0.3271, 0.3498



35.3639, 0.4400, 0.4888



2.8579, 0.4368, 0.4914

Inverse Universe

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



30.8136, 0.2346, 0.2105



29.2758, 0.2155, 0.1799



31.3499, 0.2623, 0.2058



14.8157, 0.2980, 0.3073



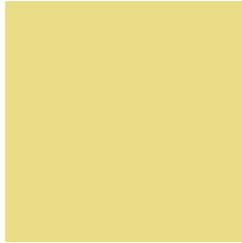
3.8359, 0.1522, 0.0679



0.3901, 0.1570, 0.0851

Previews

White Background



This preview shows how the Yxy color 71.2596, 0.3812, 0.4247 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 71.2596, 0.3812, 0.4247 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 71.2596, 0.3812, 0.4247

Background



This preview shows how black text looks on a background with the Yxy color 71.2596, 0.3812, 0.4247.



This preview shows how white text looks on a background with the Yxy color 71.2596, 0.3812, 0.4247.

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

71.2596, 0.3812, 0.4247

Protanopia

71.3776, 0.3882, 0.4218

Deuteranopia

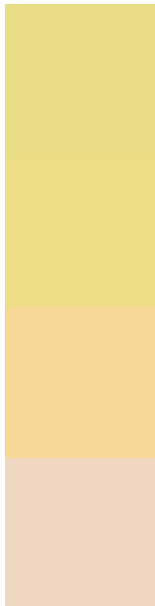
70.9556, 0.3826, 0.3807



Tritanopia

71.1893, 0.3254, 0.3125

Trichromacy



Original Color

71.2596, 0.3812, 0.4247

Protanomaly

71.3834, 0.3854, 0.4236

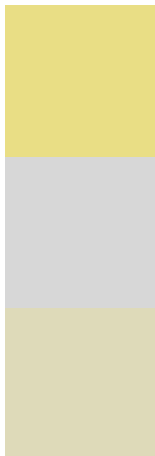
Deuteranomaly

71.1203, 0.3826, 0.3973

Tritanomaly

70.8019, 0.3463, 0.3526

Monochromacy



Original Color

71.2596, 0.3812, 0.4247

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.1752, 0.3384, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2596, 0.3812, 0.4247 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(233, 222, 133)` looks like.

```
.text, #text, p{  
    color:rgb(233, 222, 133)  
}
```

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(233, 222, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 133) }
```

Border

The CSS property to change the border of an element to Yxy 71.2596, 0.3812, 0.4247 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(233, 222, 133) }
```

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

```
.border{ border-color:rgb(233, 222, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 222, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 222, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 222, 133); box-shadow:4px 4px 4px 4px rgb(233, 222, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2596, 0.3812, 0.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 133) }
```

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

```
.background{ background-color: rgb(233,  
222, 133) }
```

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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