

Converting Colors

Yxy(72.9443, 0.4193, 0.4866)

Have a look what the booklet for
Yxy(72.9443, 0.4193, 0.4866)
contains.

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Color

Yxy(73.1997, 0.4191, 0.4867)

Conversions

Conversions Part 1

Format	Color
Hex	EDE335
RGB	237, 227, 53
RGB Percent	93%, 89%, 21%
CMY	0.0706, 0.1098, 0.7924
CMYK	0.00, 0.04, 0.78, 0.07
HSL	57°, 84%, 57%
HSV	57°, 78%, 93%
XYZ	63.0327, 73.1997, 14.1677
YIQ	210.1540, 61.8140, -51.9940

Conversions

Conversions Part 2

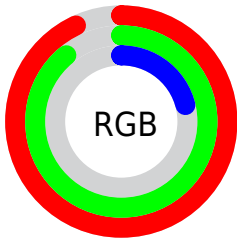
Format	Color
RYB	64, 237, 53
Decimal	15590197
CIELab	88.54, -14.59, 78.90
CIELCh	89, 80.237, 100.477
Yxy	73.1997, 0.4191, 0.4867
Android (android.graphics.Color)	4293780277 (0xFFEDE335)
YUV	210.1540, -77.4769, 23.5439
Hunter-Lab	85.5568, -18.2173, 50.0717

Details

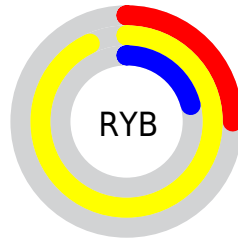
The Yxy color **73.1997, 0.4191, 0.4867** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **10.4157, 0.1683, 0.0946**, and the grayscale version is **65.0412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9949, 0.3926, 0.4610**, and **38.8522, 0.4243, 0.5013** is the 20% darker color. If you saturate the color by 10%, you get **72.3364, 0.4251, 0.4939**, and if you desaturate by 10%, it is **74.1828, 0.4103, 0.4751**.

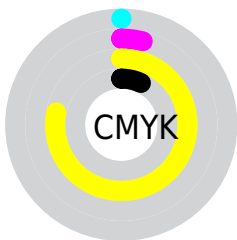
Distribution



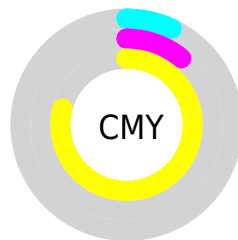
- Red (93%)
- Green (89%)
- Blue (21%)



- Red (25%)
- Yellow (93%)
- Blue (21%)



- Cyan (0%)
- Magenta (4%)
- Yellow (78%)
- Black (7%)





- Cyan (7%)
- Magenta (11%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1997, 0.4191, 0.4867 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 73.1997, 0.4191, 0.4867 by changing the saturation by 10% instead.


 73.1997, 0.4191,
0.4867


 73.1997, 0.4191,
0.4867


471.7066, 0.3775,
0.4186


 54.1393, 0.4257,
0.4996


 123.7607, 0.4069,
0.4650


 38.7130, 0.4321,
0.5139


 156.0300, 0.4014,
0.4559

 26.5365, 0.4376,
0.5293


 193.4711, 0.3965,
0.4479

 17.2255, 0.4423,
0.5470

 236.4683, 0.3920,
0.4407

 10.3954, 0.4395,
0.5605

 285.4061, 0.3878,
0.4343

 5.6619, 0.4285,
0.5715

340.6688, 0.3841,

 2.6406, 0.4109,

0.4285

0.5891

402.6409, 0.3806,
0.4233

■ 0.9471, 0.3643,
0.6357

■ 0.0000, 0.0000,
0.0000

■ 73.1997, 0.4191,
0.4867

■ 73.1997, 0.4191,
0.4867

■ 72.3364, 0.4251,
0.4939

■ 74.1828, 0.4103,
0.4751

■ 71.5636, 0.4286,
0.4969

■ 75.2895, 0.3990,
0.4593


■ 71.3895, 0.4293,
0.4974

■ 76.5350, 0.3857,
0.4400


■ 77.9298, 0.3710,
0.4181

 79.4835, 0.3554,
0.3947

 81.2046, 0.3397,
0.3707

 83.1012, 0.3242,
0.3468

 85.1808, 0.3093,
0.3237

 86.7055, 0.3018,
0.3126

Harmonies

Analogous

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



73.1997, 0.4824, 0.4267



73.1997, 0.4191, 0.4867



73.1997, 0.3333, 0.5070

Triad

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



73.1997, 0.4191, 0.4867



73.1997, 0.1557, 0.2534



73.1997, 0.3635, 0.2401

Complementary

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



73.1997, 0.4191, 0.4867



10.4157, 0.1683, 0.0946

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.



73.1997, 0.2676, 0.2028



73.1997, 0.4191, 0.4867



73.1997, 0.1612, 0.2039

Square

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



73.1997, 0.4191, 0.4867



73.1997, 0.1834, 0.3438



73.1997, 0.1980, 0.1893



73.1997, 0.4553, 0.2952

Rectangle

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



73.1997, 0.4191, 0.4867



73.1997, 0.2742, 0.4781



73.1997, 0.1980, 0.1893



73.1997, 0.3299, 0.2253

Sweetspot

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



73.2031, 0.4191, 0.4867



94.7698, 0.3482, 0.3837



20.9279, 0.5699, 0.3210



20.1304, 0.3539, 0.3925



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.



73.2031, 0.4191, 0.4867



84.8937, 0.4274, 0.4961



68.0095, 0.3533, 0.5355



17.4789, 0.3269, 0.3510



39.0448, 0.4291, 0.4975



3.1088, 0.4276, 0.4987

Inverse Universe

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



10.4157, 0.1683, 0.0946



8.3118, 0.1535, 0.0680



13.6171, 0.2161, 0.1124



14.6799, 0.2980, 0.3060



3.5513, 0.1510, 0.0634



0.3251, 0.1535, 0.0727

Previews

White Background



This preview shows how the Yxy color 73.1997, 0.4191, 0.4867 looks on a white background.

Color Contrast Check

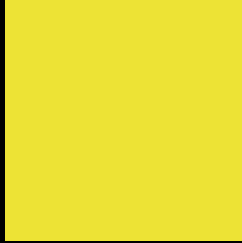
Large Text (above 18pt) WCAG AA × Fail

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 73.1997, 0.4191, 0.4867 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 73.1997, 0.4191, 0.4867

Background



This preview shows how black text looks on a background with the Yxy color 73.1997, 0.4191, 0.4867.



This preview shows how white text looks on a background with the Yxy color 73.1997, 0.4191, 0.4867.

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

73.1997, 0.4191, 0.4867

Protanopia

73.3473, 0.4323, 0.4773

Deuteranopia

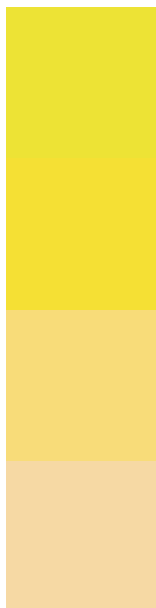
72.9098, 0.3826, 0.3866



Tritanopia

73.1976, 0.3305, 0.3128

Trichromacy



Original Color

73.1997, 0.4191, 0.4867

Protanomaly

72.9717, 0.4277, 0.4807

Deuteranomaly

72.5233, 0.4014, 0.4297

Tritanomaly

71.8989, 0.3723, 0.3850

Monochromacy



Original Color

73.1997, 0.4191, 0.4867

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.6273, 0.3597, 0.4007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1997, 0.4191, 0.4867 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(237, 227, 53)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 53)  
}
```

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(237, 227, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 53) }
```

Border

The CSS property to change the border of an element to Yxy 73.1997, 0.4191, 0.4867 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(237, 227, 53) }
```

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

```
.border{ border-color:rgb(237, 227, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 53);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
53) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.1997, 0.4191, 0.4867$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 53) }
```

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

```
.background{ background-color: rgb(237,  
227, 53) }
```

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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