

Converting Colors

$Yxy(70.0809, 0.3941, 0.4628)$

Have a look what the booklet for
Yxy(70.0809, 0.3941, 0.4628)
contains.

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Color

Yxy(70.0217, 0.3937, 0.4629)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0E061 |
| RGB | 224, 224, 97 |
| RGB Percent | 88%, 88%, 38% |
| CMY | 0.1216, 0.1215, 0.6195 |
| CMYK | 0.00, 0.00, 0.57, 0.12 |
| HSL | 60°, 67%, 63% |
| HSV | 60°, 57%, 88% |
| XYZ | 59.5540, 70.0217, 21.6918 |
| YIQ | 209.5220, 40.7670, -39.4970 |

Conversions

Conversions Part 2

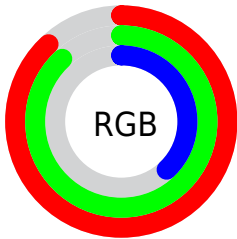
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 97, 224, 97 |
| Decimal | 14737505 |
| CIE _{Lab} | 87.01, -16.15, 60.79 |
| CIE _{LCh} | 87, 62.898, 104.874 |
| Yxy | 70.0217, 0.3937, 0.4629 |
| Android (android.graphics.Color) | 4292927585 (0xFFE0E061) |
| YUV | 209.5220, -55.4733, 12.6972 |
| Hunter-Lab | 83.6790, -19.4005, 43.2058 |

Details

The Yxy color **70.0217, 0.3937, 0.4629** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **16.4800, 0.2030, 0.1476**, and the grayscale version is **64.4725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0470, 0.3734, 0.4293**, and **36.6430, 0.4067, 0.4917** is the 20% darker color. If you saturate the color by 10%, you get **69.6640, 0.4038, 0.4796**, and if you desaturate by 10%, it is **70.5038, 0.3815, 0.4427**.

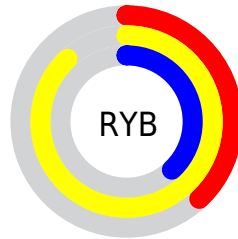
Distribution



Red (88%)

Green (88%)

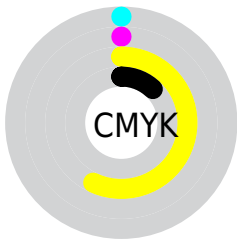
Blue (38%)



Red (38%)

Yellow (88%)

Blue (38%)

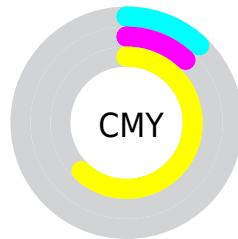


Cyan (0%)

Magenta (0%)

Yellow (57%)

Black (12%)



Cyan (12%)


Magenta (12%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0217, 0.3937, 0.4629 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 70.0217, 0.3937, 0.4629 by changing the saturation by 10% instead.

 70.0217, 0.3937,
0.4629

 70.0217, 0.3937,
0.4629


460.6262, 0.3598,
0.4015


 51.5442, 0.3999,
0.4760


 119.2397, 0.3830,
0.4422


 36.6419, 0.4067,
0.4915


 150.7490, 0.3786,
0.4339

 24.9304, 0.4136,
0.5097


 187.3711, 0.3745,
0.4267

 16.0252, 0.4198,
0.5308

 229.4903, 0.3710,
0.4204

 9.5420, 0.4274,
0.5602

277.4910, 0.3677,
0.4148

 5.0963, 0.4197,
0.5803

331.7576, 0.3648,

 2.3039, 0.3984,

0.4099

0.6016

392.6745, 0.3622,
0.4055

0.7758, 0.3067,
0.6933

0.0000, 0.0000,
0.0000

70.0217, 0.3937,
0.4629

70.0217, 0.3937,
0.4629

69.6640, 0.4038,
0.4796

70.5038, 0.3815,
0.4427

69.4108, 0.4114,
0.4921


71.1097, 0.3677,
0.4199

69.2534, 0.4163,
0.5003

71.8508, 0.3529,
0.3955

69.1765, 0.4188,
0.5044


72.7345, 0.3377,
0.3703


 69.1602, 0.4193,
0.5053

 73.7677, 0.3226,
0.3453

 74.9569, 0.3079,
0.3211

 76.3082, 0.2940,
0.2981

 76.3835, 0.2933,
0.2970

 76.3838, 0.2933,
0.2970

Harmonies

Analogous

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



70.0217, 0.4471, 0.4219



70.0217, 0.3937, 0.4629



70.0217, 0.3222, 0.4650

Triad

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



70.0217, 0.3937, 0.4629



70.0217, 0.1812, 0.2619



70.0217, 0.3659, 0.2621

Complementary

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



70.0217, 0.3937, 0.4629



16.4800, 0.2030, 0.1476

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.



70.0217, 0.2877, 0.2275



70.0217, 0.3937, 0.4629



70.0217, 0.1895, 0.2232

Square

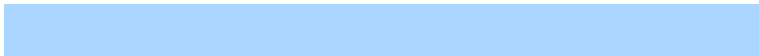
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0217, 0.3937, 0.4629



70.0217, 0.2020, 0.3306



70.0217, 0.2255, 0.2132



70.0217, 0.4345, 0.3111

Rectangle

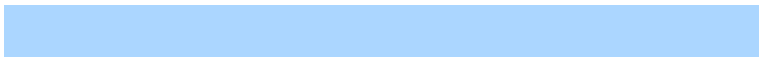
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0217, 0.3937, 0.4629



70.0217, 0.2741, 0.4353



70.0217, 0.2255, 0.2132



70.0217, 0.3393, 0.2486

Sweetspot

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



70.0249, 0.3937, 0.4629



97.5152, 0.3384, 0.3714



25.2663, 0.4849, 0.3295



20.8179, 0.3415, 0.3765



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.



70.0249, 0.3937, 0.4629



93.3806, 0.4053, 0.4822



61.7052, 0.3444, 0.4895



16.0295, 0.3267, 0.3522



40.2538, 0.4193, 0.5053



2.7902, 0.4193, 0.5053

Inverse Universe

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



16.4800, 0.2030, 0.1476



14.9710, 0.1805, 0.1104



21.4636, 0.2551, 0.1693



13.2434, 0.2980, 0.3047



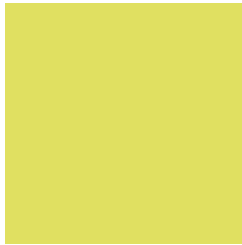
3.1327, 0.1500, 0.0600



0.2172, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 70.0217, 0.3937, 0.4629 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 70.0217, 0.3937, 0.4629 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 70.0217, 0.3937, 0.4629

Background



This preview shows how black text looks on a background with the Yxy color 70.0217, 0.3937, 0.4629.



This preview shows how white text looks on a background with the Yxy color 70.0217, 0.3937, 0.4629.

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

70.0217, 0.3937, 0.4629

Protanopia

69.8463, 0.4125, 0.4519

Deuteranopia

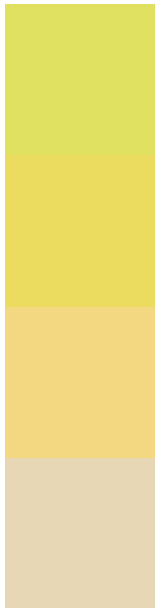
69.4913, 0.3937, 0.3929



Tritanopia

69.6438, 0.3210, 0.3112

Trichromacy



Original Color

70.0217, 0.3937, 0.4629

Protanomaly

69.6931, 0.4052, 0.4558

Deuteranomaly

69.4190, 0.3957, 0.4189

Tritanomaly

69.0520, 0.3503, 0.3675

Monochromacy



Original Color

70.0217, 0.3937, 0.4629

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.9125, 0.3448, 0.3821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0217, 0.3937, 0.4629 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(224, 224, 97)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 97)  
}
```

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(224, 224, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 97) }
```

Border

The CSS property to change the border of an element to Yxy 70.0217, 0.3937, 0.4629 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(224, 224, 97) }
```

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

```
.border{ border-color:rgb(224, 224, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 97);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0217, 0.3937, 0.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 97) }
```

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

```
.background{ background-color: rgb(224,  
224, 97) }
```

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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