

Converting Colors

Yxy(69.8617, 0.4047, 0.4863)

Have a look what the booklet for
Yxy(69.8617, 0.4047, 0.4863)
contains.

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Color

Yxy(69.7853, 0.4044, 0.4861)

Conversions

Conversions Part 1

Format	Color
Hex	DEE143
RGB	222, 225, 67
RGB Percent	87%, 88%, 26%
CMY	0.1295, 0.1176, 0.7372
CMYK	0.01, 0.00, 0.70, 0.12
HSL	61°, 72%, 57%
HSV	61°, 70%, 88%
XYZ	58.0563, 69.7853, 15.7200
YIQ	206.0910, 48.9300, -49.7740

Conversions

Conversions Part 2

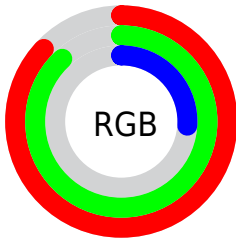
Format	Color
RYB	67, 225, 70
Decimal	14606659
CIELab	86.89, -19.26, 72.48
CIELCh	87, 74.994, 104.883
Yxy	69.7853, 0.4044, 0.4861
Android (android.graphics.Color)	4292796739 (0xFFDEE143)
YUV	206.0910, -68.5719, 13.9522
Hunter-Lab	83.5376, -22.1382, 47.3192

Details

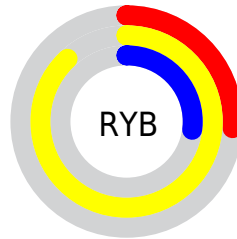
The Yxy color **69.7853, 0.4044, 0.4861** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.7557, 0.1791, 0.1062**, and the grayscale version is **62.2068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2607, 0.3874, 0.4525**, and **36.5360, 0.4122, 0.5109** is the 20% darker color. If you saturate the color by 10%, you get **69.5006, 0.4107, 0.4975**, and if you desaturate by 10%, it is **70.1815, 0.3955, 0.4704**.

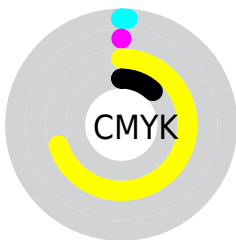
Distribution



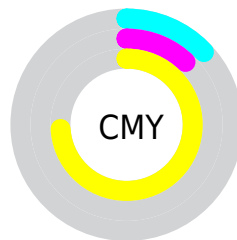
- Red (87%)
- Green (88%)
- Blue (26%)



- Red (26%)
- Yellow (88%)
- Blue (27%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)
- Black (12%)





- Cyan (13%)
- Magenta (12%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7853, 0.4044, 0.4861 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 69.7853, 0.4044, 0.4861 by changing the saturation by 10% instead.


 69.7853, 0.4044,
0.4861

 69.7853, 0.4044,
0.4861


459.7958, 0.3681,
0.4155


 51.3515, 0.4102,
0.5004


 118.9025, 0.3936,
0.4628


 36.4884, 0.4159,
0.5167


 150.3548, 0.3889,
0.4534

 24.8117, 0.4207,
0.5351


 186.9153, 0.3846,
0.4451

 15.9368, 0.4236,
0.5560

 228.9685, 0.3806,
0.4377

 9.4794, 0.4217,
0.5783

 276.8987, 0.3770,
0.4312

 5.0552, 0.4059,
0.5941


331.0904, 0.3738,

 2.2797, 0.3802,


0.4254


0.6198

391.9280, 0.3708,
0.4202


 0.7629, 0.2504,
0.7496

 0.0000, 0.0000,
0.0000

 69.7853, 0.4044,
0.4861


 69.7853, 0.4044,
0.4861

 69.5006, 0.4107,
0.4975


 70.1815, 0.3955,
0.4704

 69.3047, 0.4144,
0.5045


 70.6904, 0.3843,
0.4510


 69.1804, 0.4159,
0.5079

 71.3247, 0.3714,
0.4287


 72.0929, 0.3572,
0.4045

 73.0028, 0.3424,
0.3794

 74.0617, 0.3276,
0.3541

 75.2761, 0.3130,
0.3295

 76.6524, 0.2991,
0.3061

 77.2259, 0.2946,
0.2981

Harmonies

Analogous

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



69.7853, 0.4688, 0.4333



69.7853, 0.4044, 0.4861



69.7853, 0.3208, 0.4942

Triad

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



69.7853, 0.4044, 0.4861



69.7853, 0.1608, 0.2481



69.7853, 0.3753, 0.2509

Complementary

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



69.7853, 0.4044, 0.4861



10.7557, 0.1791, 0.1062

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.



69.7853, 0.2823, 0.2118



69.7853, 0.4044, 0.4861



69.7853, 0.1705, 0.2053

Square

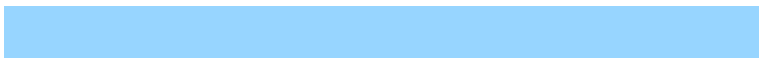
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7853, 0.4044, 0.4861



69.7853, 0.1831, 0.3290



69.7853, 0.2108, 0.1952



69.7853, 0.4580, 0.3060

Rectangle

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



69.7853, 0.4044, 0.4861



69.7853, 0.2650, 0.4589



69.7853, 0.2108, 0.1952



69.7853, 0.3434, 0.2356

Sweetspot

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



69.7885, 0.4044, 0.4861



96.8233, 0.3438, 0.3817



20.7503, 0.5478, 0.3320



20.6492, 0.3480, 0.3887



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.



69.7885, 0.4044, 0.4861



92.1649, 0.4126, 0.5011



60.1366, 0.3441, 0.5261



16.0154, 0.3264, 0.3522



39.8655, 0.4160, 0.5079



2.7676, 0.4165, 0.5075

Inverse Universe

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



10.7557, 0.1791, 0.1062



9.3482, 0.1598, 0.0750



15.8078, 0.2396, 0.1356



13.2558, 0.2983, 0.3048



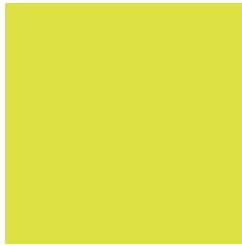
3.1545, 0.1506, 0.0603



0.2232, 0.1525, 0.0614

Previews

White Background



This preview shows how the Yxy color 69.7853, 0.4044, 0.4861 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 69.7853, 0.4044, 0.4861 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 69.7853, 0.4044, 0.4861

Background



This preview shows how black text looks on a background with the Yxy color 69.7853, 0.4044, 0.4861.



This preview shows how white text looks on a background with the Yxy color 69.7853, 0.4044, 0.4861.

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

69.7853, 0.4044, 0.4861

Protanopia

69.7576, 0.4273, 0.4706

Deuteranopia

69.3364, 0.3973, 0.3978



Tritanopia

69.4721, 0.3202, 0.3111

Trichromacy



Original Color

69.7853, 0.4044, 0.4861

Protanomaly

69.9391, 0.4185, 0.4765

Deuteranomaly

68.8934, 0.4038, 0.4323

Tritanomaly

68.4544, 0.3574, 0.3798

Monochromacy



Original Color

69.7853, 0.4044, 0.4861

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.9521, 0.3528, 0.3968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7853, 0.4044, 0.4861 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(222, 225, 67)` looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 67)  
}
```

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(222, 225, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 67) }
```

Border

The CSS property to change the border of an element to Yxy 69.7853, 0.4044, 0.4861 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(222, 225, 67) }
```

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

```
.border{ border-color:rgb(222, 225, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 225, 67); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 225, 67); box-shadow:4px 4px 4px 4px rgb(222, 225, 67) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7853, 0.4044, 0.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 67) }
```

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

```
.background{ background-color: rgb(222,  
225, 67) }
```

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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