

Converting Colors

Yxy(66.5625, 0.4120, 0.4874)

Have a look what the booklet for
Yxy(66.5625, 0.4120, 0.4874)
contains.

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Color

Yxy(66.4880, 0.4119, 0.4874)

Conversions

Conversions Part 1

Format	Color
Hex	DEDB39
RGB	222, 219, 57
RGB Percent	87%, 86%, 22%
CMY	0.1295, 0.1411, 0.7766
CMYK	0.00, 0.01, 0.74, 0.13
HSL	59°, 71%, 55%
HSV	59°, 74%, 87%
XYZ	56.1888, 66.4880, 13.7369
YIQ	201.4290, 53.7900, -49.7460

Conversions

Conversions Part 2

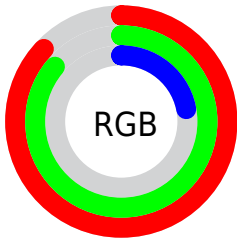
Format	Color
RYB	60, 222, 57
Decimal	14605113
CIELab	85.24, -16.76, 74.25
CIELCh	85, 76.120, 102.722
Yxy	66.4880, 0.4119, 0.4874
Android (android.graphics.Color)	4292795193 (0xFFDEDB39)
YUV	201.4290, -71.2035, 18.0408
Hunter-Lab	81.5402, -19.6922, 47.0897

Details

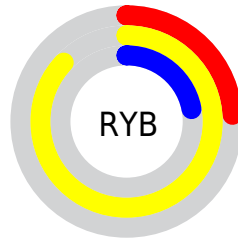
The Yxy color **66.4880, 0.4119, 0.4874** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **9.3656, 0.1719, 0.0977**, and the grayscale version is **59.1124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **34.3374, 0.4183, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **66.1080, 0.4179, 0.4965**, and if you desaturate by 10%, it is **66.9714, 0.4032, 0.4740**.

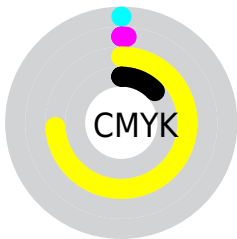
Distribution



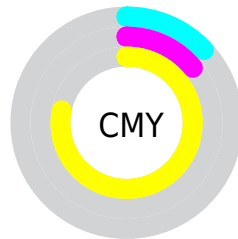
- Red (87%)
- Green (86%)
- Blue (22%)



- Red (24%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (1%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4880, 0.4119, 0.4874 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 66.4880, 0.4119, 0.4874 by changing the saturation by 10% instead.

66.4880, 0.4119,
0.4874

66.4880, 0.4119,
0.4874

448.1201, 0.3723,
0.4166

48.6687, 0.4182,
0.5014

114.1865, 0.4002,
0.4643

34.3567, 0.4243,
0.5172

144.8344, 0.3950,
0.4548

23.1678, 0.4294,
0.5346

180.5272, 0.3903,
0.4465

14.7174, 0.4341,
0.5560

221.6495, 0.3860,
0.4391

8.6213, 0.4286,
0.5714

268.5855, 0.3821,
0.4325

4.4950, 0.4139,
0.5861

321.7197, 0.3785,

1.9541, 0.3895,

0.4267

0.6105

381.4364, 0.3753,
0.4214

■ 0.5806, 0.1972,
0.8028

■ 0.0000, 0.0000,
0.0000

■ 66.4880, 0.4119,
0.4874

■ 66.4880, 0.4119,
0.4874

■ 66.1080, 0.4179,
0.4965

■ 66.9714, 0.4032,
0.4740

■ 65.8086, 0.4214,
0.5013

■ 67.5602, 0.3922,
0.4566

■ 65.6634, 0.4225,
0.5027

■ 68.2670, 0.3791,
0.4359

■ 69.1007, 0.3647,
0.4129

70.0688, 0.3496,
0.3886

71.1787, 0.3342,
0.3638

72.4370, 0.3191,
0.3393

73.8498, 0.3046,
0.3158

75.3105, 0.2920,
0.2954

Harmonies

Analogous

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



66.4880, 0.4762, 0.4306



66.4880, 0.4119, 0.4874



66.4880, 0.3268, 0.5017

Triad

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



66.4880, 0.4119, 0.4874



66.4880, 0.1575, 0.2501



66.4880, 0.3700, 0.2452

Complementary

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



66.4880, 0.4119, 0.4874



9.3656, 0.1719, 0.0977

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.



66.4880, 0.2749, 0.2068



66.4880, 0.4119, 0.4874



66.4880, 0.1652, 0.2039

Square

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



66.4880, 0.4119, 0.4874



66.4880, 0.1825, 0.3359



66.4880, 0.2040, 0.1917



66.4880, 0.4577, 0.3006

Rectangle

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



66.4880, 0.4119, 0.4874



66.4880, 0.2691, 0.4692



66.4880, 0.2040, 0.1917



66.4880, 0.3370, 0.2301

Sweetspot

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



66.4911, 0.4119, 0.4874



96.2571, 0.3462, 0.3832



18.8015, 0.5616, 0.3253



20.5189, 0.3504, 0.3899



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.



66.4911, 0.4119, 0.4874



90.2885, 0.4201, 0.4996



58.5437, 0.3496, 0.5312



15.9850, 0.3268, 0.3518



39.0298, 0.4225, 0.5028



2.7190, 0.4219, 0.5032

Inverse Universe

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



9.3656, 0.1719, 0.0977



8.5076, 0.1551, 0.0693



13.2609, 0.2264, 0.1227



13.2825, 0.2980, 0.3052



3.2013, 0.1503, 0.0612



0.2360, 0.1513, 0.0647

Previews

White Background



This preview shows how the Yxy color 66.4880, 0.4119, 0.4874 looks on a white background.

Color Contrast Check

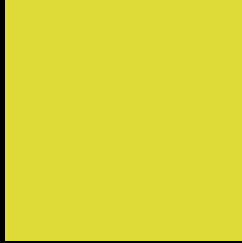
Large Text (above 18pt) WCAG AA × Fail

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 66.4880, 0.4119, 0.4874 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 66.4880, 0.4119, 0.4874

Background



This preview shows how black text looks on a background with the Yxy color 66.4880, 0.4119, 0.4874.



This preview shows how white text looks on a background with the Yxy color 66.4880, 0.4119, 0.4874.

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

66.4880, 0.4119, 0.4874

Protanopia

66.2151, 0.4306, 0.4746

Deuteranopia

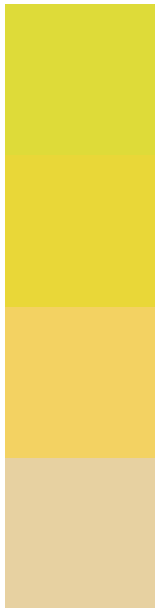
66.3278, 0.4146, 0.4130



Tritanopia

66.1859, 0.3258, 0.3120

Trichromacy



Original Color

66.4880, 0.4119, 0.4874

Protanomaly

66.2100, 0.4240, 0.4789

Deuteranomaly

66.0297, 0.4168, 0.4424

Tritanomaly

65.1631, 0.3650, 0.3825

Monochromacy



Original Color

66.4880, 0.4119, 0.4874

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

60.8370, 0.3561, 0.3991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4880, 0.4119, 0.4874 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, 219, 57)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 57)  
}
```

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, 219, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 57) }
```

Border

The CSS property to change the border of an element to Yxy 66.4880, 0.4119, 0.4874 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, 219, 57) }
```

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

```
.border{ border-color:rgb(222, 219, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 219, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 57);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4880, 0.4119, 0.4874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 57) }
```

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

```
.background{ background-color: rgb(222,  
219, 57) }
```

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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