

Converting Colors

Yxy(69.2367, 0.4126, 0.4983)

Have a look what the booklet for
Yxy(69.2367, 0.4126, 0.4983)
contains.

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Color

Yxy(68.9941, 0.4128, 0.4983)

Conversions

Conversions Part 1

Format	Color
Hex	DEE028
RGB	222, 224, 40
RGB Percent	87%, 88%, 16%
CMY	0.1295, 0.1215, 0.8432
CMYK	0.01, 0.00, 0.82, 0.12
HSL	61°, 75%, 52%
HSV	61°, 82%, 88%
XYZ	57.1559, 68.9941, 12.3090
YIQ	202.4260, 57.8720, -57.6480

Conversions

Conversions Part 2

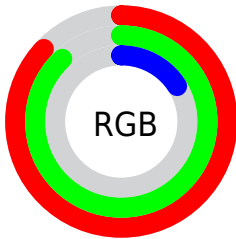
Format	Color
R _Y B	40, 224, 42
Decimal	14606376
CIE Lab	86.50, -19.78, 80.02
CIE LCh	87, 82.430, 103.887
Yxy	68.9941, 0.4128, 0.4983
Android (android.graphics.Color)	4292796456 (0xFFDEE028)
YUV	202.4260, -80.0760, 17.1664
Hunter-Lab	83.0627, -22.5329, 49.3577

Details

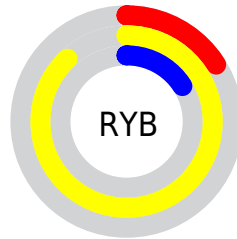
The Yxy color **68.9941, 0.4128, 0.4983** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **7.3910, 0.1619, 0.0789**, and the grayscale version is **59.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7999, 0.3965, 0.4675**, and **36.1625, 0.4132, 0.5101** is the 20% darker color. If you saturate the color by 10%, you get **68.8473, 0.4161, 0.5044**, and if you desaturate by 10%, it is **69.2355, 0.4068, 0.4879**.

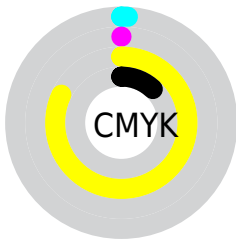
Distribution



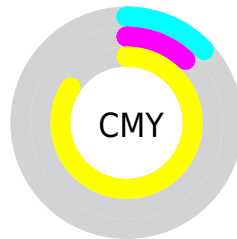
- Red (87%)
- Green (88%)
- Blue (16%)



- Red (16%)
- Yellow (88%)
- Blue (16%)



- Cyan (1%)
- Magenta (0%)
- Yellow (82%)
- Black (12%)





- Cyan (13%)
- Magenta (12%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9941, 0.4128, 0.4983 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 68.9941, 0.4128, 0.4983 by changing the saturation by 10% instead.

 68.9941, 0.4128,
0.4983


 68.9941, 0.4128,
0.4983


457.0102, 0.3746,
0.4237

 50.7069, 0.4183,
0.5127


 117.7731, 0.4020,
0.4743

 35.9754, 0.4232,
0.5286


 149.0338, 0.3970,
0.4643


 24.4152, 0.4264,
0.5459


 185.3877, 0.3924,
0.4555

 15.6419, 0.4304,
0.5692

 227.2193, 0.3882,
0.4477

 9.2711, 0.4194,
0.5806

 274.9129, 0.3844,
0.4407

 4.9184, 0.4028,
0.5972

328.8530, 0.3808,


 2.1995, 0.3758,


0.4344


0.6242

389.4240, 0.3776,
0.4288


 0.7197, 0.2184,
0.7816

 0.0000, 0.0000,
0.0000


 68.9941, 0.4128,
0.4983

 68.9941, 0.4128,
0.4983


 68.8473, 0.4161,
0.5044

 69.2355, 0.4068,
0.4879

 68.7743, 0.4174,
0.5068

 69.5753, 0.3983,
0.4732

 70.0277, 0.3874,
0.4546

 70.6023, 0.3746,
0.4330

71.3078, 0.3605,
0.4092

72.1520, 0.3456,
0.3842

73.1420, 0.3306,
0.3589

74.2847, 0.3158,
0.3342

75.5862, 0.3017,
0.3105

Harmonies

Analogous

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



68.9941, 0.4831, 0.4369



68.9941, 0.4128, 0.4983



68.9941, 0.3224, 0.5139

Triad

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



68.9941, 0.4128, 0.4983



68.9941, 0.1489, 0.2416



68.9941, 0.3776, 0.2423

Complementary

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



68.9941, 0.4128, 0.4983



7.3910, 0.1619, 0.0789

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.



68.9941, 0.2757, 0.2014



68.9941, 0.4128, 0.4983



68.9941, 0.1584, 0.1954

Square

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



68.9941, 0.4128, 0.4983



68.9941, 0.1729, 0.3312



68.9941, 0.1999, 0.1844



68.9941, 0.4705, 0.3004

Rectangle

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



68.9941, 0.4128, 0.4983



68.9941, 0.2618, 0.4774



68.9941, 0.1999, 0.1844



68.9941, 0.3423, 0.2263

Sweetspot

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



68.9973, 0.4128, 0.4983



96.4185, 0.3502, 0.3918



17.5185, 0.6004, 0.3299



20.5515, 0.3554, 0.4007



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.



68.9973, 0.4128, 0.4983



92.2576, 0.4172, 0.5066



58.3774, 0.3440, 0.5493



16.0214, 0.3266, 0.3522



40.0292, 0.4174, 0.5068



2.7771, 0.4177, 0.5065

Inverse Universe

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



7.3910, 0.1619, 0.0789



7.3099, 0.1506, 0.0607



11.8035, 0.2216, 0.1102



13.2505, 0.2982, 0.3048



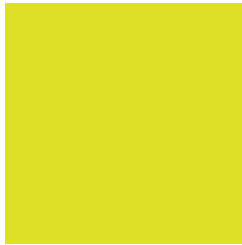
3.1452, 0.1504, 0.0602



0.2206, 0.1514, 0.0608

Previews

White Background



This preview shows how the Yxy color 68.9941, 0.4128, 0.4983 looks on a white background.

Color Contrast Check

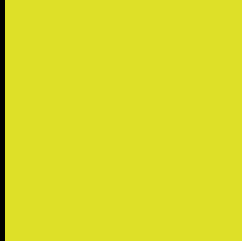
Large Text (above 18pt) WCAG AA × Fail

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 68.9941, 0.4128, 0.4983 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 68.9941, 0.4128, 0.4983

Background



This preview shows how black text looks on a background with the Yxy color 68.9941, 0.4128, 0.4983.



This preview shows how white text looks on a background with the Yxy color 68.9941, 0.4128, 0.4983.

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

68.9941, 0.4128, 0.4983

Protanopia

68.9987, 0.4359, 0.4814

Deuteranopia

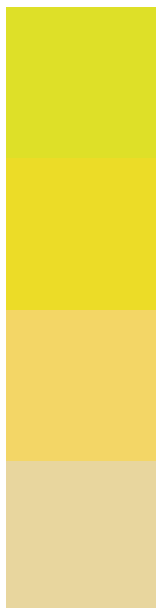
68.6671, 0.4020, 0.4027



Tritanopia

69.0417, 0.3225, 0.3122

Trichromacy



Original Color

68.9941, 0.4128, 0.4983

Protanomaly

69.1657, 0.4270, 0.4878

Deuteranomaly

68.1071, 0.4120, 0.4426

Tritanomaly

67.7176, 0.3664, 0.3908

Monochromacy



Original Color

68.9941, 0.4128, 0.4983

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

61.6317, 0.3597, 0.4083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9941, 0.4128, 0.4983 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, 224, 40)` looks like.

```
.text, #text, p{  
    color:rgb(222, 224, 40)  
}
```

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, 224, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 224, 40) }
```

Border

The CSS property to change the border of an element to Yxy 68.9941, 0.4128, 0.4983 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, 224, 40) }
```

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

```
.border{ border-color:rgb(222, 224, 40) }
```

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

Here you see how a box with a 4 pixel rgb(222, 224, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 224, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 224, 40);  
box-shadow:4px 4px 4px 4px rgb(222, 224,  
40) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9941, 0.4128, 0.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 224, 40) }
```

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

```
.background{ background-color: rgb(222,  
224, 40) }
```

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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