

Converting Colors

$Yxy(71.4748, 0.3990, 0.4804)$

Have a look what the booklet for
Yxy(71.4748, 0.3990, 0.4804)
contains.

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Color

Yxy(71.7248, 0.3992, 0.4808)

Conversions

Conversions Part 1

Format	Color
Hex	DFE44E
RGB	223, 228, 78
RGB Percent	87%, 89%, 31%
CMY	0.1254, 0.1059, 0.6943
CMYK	0.02, 0.00, 0.66, 0.11
HSL	62°, 74%, 60%
HSV	62°, 66%, 89%
XYZ	59.5519, 71.7248, 17.9014
YIQ	209.4050, 45.1700, -47.7100

Conversions

Conversions Part 2

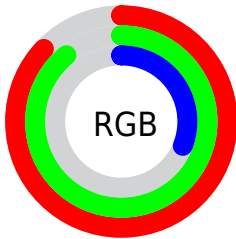
Format	Color
RYB	78, 228, 83
Decimal	14672974
CIELab	87.84, -19.72, 69.46
CIELCh	88, 72.208, 105.850
Yxy	71.7248, 0.3992, 0.4808
Android (android.graphics.Color)	4292863054 (0xFFDFE44E)
YUV	209.4050, -64.7827, 11.9228
Hunter-Lab	84.6905, -22.6924, 46.7510

Details

The Yxy color **71.7248, 0.3992, 0.4808** 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 **12.8778, 0.1879, 0.1193**, and the grayscale version is **64.4480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5012, 0.3829, 0.4451**, and **37.7862, 0.4099, 0.5117** is the 20% darker color. If you saturate the color by 10%, you get **71.3360, 0.4064, 0.4944**, and if you desaturate by 10%, it is **72.2341, 0.3895, 0.4631**.

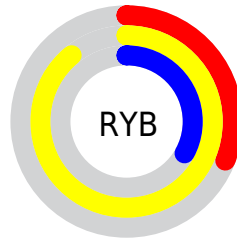
Distribution



Red (87%)

Green (89%)

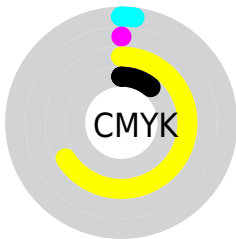
Blue (31%)



Red (31%)

Yellow (89%)

Blue (33%)

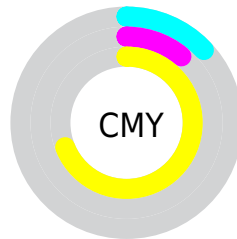


Cyan (2%)

Magenta (0%)

Yellow (66%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7248, 0.3992, 0.4808 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 71.7248, 0.3992, 0.4808 by changing the saturation by 10% instead.


 71.7248, 0.3992,
0.4808


 71.7248, 0.3992,
0.4808

466.5832, 0.3647,
0.4122

 52.9339, 0.4049,
0.4949

 121.6652, 0.3888,
0.4580

 37.7500, 0.4107,
0.5113


 153.5835, 0.3843,
0.4488

 25.7887, 0.4158,
0.5300


 190.6463, 0.3802,
0.4408

 16.6656, 0.4190,
0.5510

 233.2382, 0.3765,
0.4336

 9.9964, 0.4213,
0.5787

 281.7434, 0.3731,
0.4274

 5.3966, 0.4058,
0.5942

336.5463, 0.3700,

 2.4818, 0.3807,

0.4218

0.6193

398.0315, 0.3672,
0.4167

0.8675, 0.2834,
0.7166

0.0000, 0.0000,
0.0000

71.7248, 0.3992,
0.4808

71.7248, 0.3992,
0.4808

71.3360, 0.4064,
0.4944

72.2341, 0.3895,
0.4631

71.0454, 0.4110,
0.5036


72.8644, 0.3777,
0.4421

70.8411, 0.4131,
0.5086


73.6285, 0.3644,
0.4186

70.7705, 0.4135,
0.5099

74.5347, 0.3502,
0.3937

 75.5908, 0.3355,
0.3683

 76.8040, 0.3210,
0.3432

 78.1810, 0.3069,
0.3190

 79.3792, 0.2967,
0.3015

 79.5042, 0.2972,
0.3015

Harmonies

Analogous

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



71.7248, 0.4614, 0.4323



71.7248, 0.3992, 0.4808



71.7248, 0.3187, 0.4850

Triad

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



71.7248, 0.3992, 0.4808



71.7248, 0.1662, 0.2501



71.7248, 0.3756, 0.2555

Complementary

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



71.7248, 0.3992, 0.4808



12.8778, 0.1879, 0.1193

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.



71.7248, 0.2865, 0.2170



71.7248, 0.3992, 0.4808



71.7248, 0.1765, 0.2095

Square

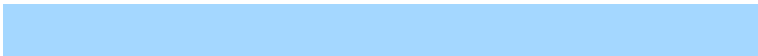
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7248, 0.3992, 0.4808



71.7248, 0.1871, 0.3265



71.7248, 0.2166, 0.2003



71.7248, 0.4533, 0.3094

Rectangle

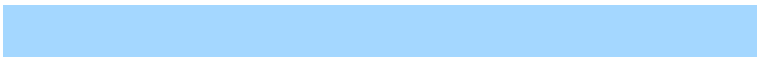
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7248, 0.3992, 0.4808



71.7248, 0.2651, 0.4498



71.7248, 0.2166, 0.2003



71.7248, 0.3452, 0.2406

Sweetspot

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



71.7281, 0.3992, 0.4808



96.8196, 0.3418, 0.3792



22.8460, 0.5271, 0.3320



20.6419, 0.3460, 0.3864



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.



71.7281, 0.3992, 0.4808



91.7944, 0.4084, 0.4983



62.5665, 0.3441, 0.5153



16.7915, 0.3262, 0.3523



40.8752, 0.4136, 0.5098



3.0282, 0.4145, 0.5091

Inverse Universe

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



12.8778, 0.1879, 0.1193



10.7849, 0.1664, 0.0845



18.0576, 0.2453, 0.1460



13.9099, 0.2985, 0.3047



3.2728, 0.1511, 0.0606



0.2500, 0.1541, 0.0622

Previews

White Background



This preview shows how the Yxy color 71.7248, 0.3992, 0.4808 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 71.7248, 0.3992, 0.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

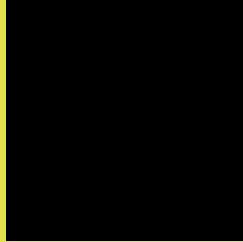
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7248, 0.3992, 0.4808

Background



This preview shows how black text looks on a background with the Yxy color 71.7248, 0.3992, 0.4808.



This preview shows how white text looks on a background with the Yxy color 71.7248, 0.3992, 0.4808.

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

71.7248, 0.3992, 0.4808

Protanopia

71.3010, 0.4231, 0.4649

Deuteranopia

71.1816, 0.3880, 0.3898



Tritanopia

71.3062, 0.3187, 0.3113

Trichromacy



Original Color

71.7248, 0.3992, 0.4808

Protanomaly

71.4883, 0.4145, 0.4704

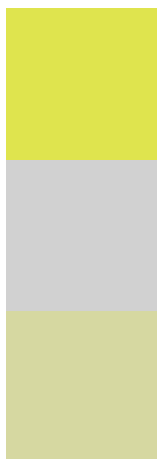
Deuteranomaly

70.7039, 0.3954, 0.4248

Tritanomaly

70.3938, 0.3531, 0.3761

Monochromacy



Original Color

71.7248, 0.3992, 0.4808

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.9811, 0.3494, 0.3926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7248, 0.3992, 0.4808 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(223, 228, 78)` looks like.

```
.text, #text, p{  
    color:rgb(223, 228, 78)  
}
```

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(223, 228, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 228, 78) }
```

Border

The CSS property to change the border of an element to Yxy 71.7248, 0.3992, 0.4808 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(223, 228, 78) }
```

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

```
.border{ border-color:rgb(223, 228, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 228, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 228, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 228, 78);  
box-shadow:4px 4px 4px 4px rgb(223, 228,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7248, 0.3992, 0.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 228, 78) }
```

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

```
.background{ background-color: rgb(223,  
228, 78) }
```

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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