

Converting Colors

Yxy(69.6185, 0.3933, 0.4672)

Have a look what the booklet for
Yxy(69.6185, 0.3933, 0.4672)
contains.

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Color

Yxy(69.4738, 0.3933, 0.4675)

Conversions

Conversions Part 1

Format	Color
Hex	DDE05D
RGB	221, 224, 93
RGB Percent	87%, 88%, 36%
CMY	0.1334, 0.1215, 0.6353
CMYK	0.01, 0.00, 0.58, 0.12
HSL	61°, 68%, 62%
HSV	61°, 58%, 88%
XYZ	58.4472, 69.4738, 20.6861
YIQ	208.1690, 40.2630, -41.3770

Conversions

Conversions Part 2

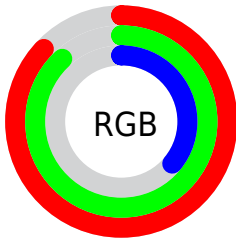
Format	Color
R _Y B	93, 224, 96
Decimal	14540893
CIE Lab	86.74, -17.65, 62.16
CIE LCh	87, 64.617, 105.853
Yxy	69.4738, 0.3933, 0.4675
Android (android.graphics.Color)	4292730973 (0xFFDDE05D)
YUV	208.1690, -56.7783, 11.2528
Hunter-Lab	83.3509, -20.6968, 43.6310

Details

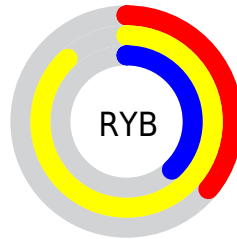
The Yxy color **69.4738, 0.3933, 0.4675** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **15.7010, 0.2013, 0.1424**, and the grayscale version is **63.5488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9181, 0.3756, 0.4329**, and **36.2898, 0.4056, 0.4970** is the 20% darker color. If you saturate the color by 10%, you get **69.0554, 0.4025, 0.4839**, and if you desaturate by 10%, it is **70.0151, 0.3818, 0.4475**.

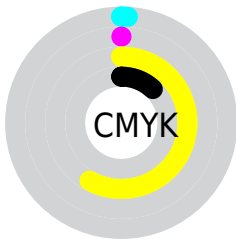
Distribution



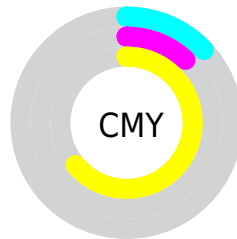
- Red (87%)
- Green (88%)
- Blue (36%)



- Red (36%)
- Yellow (88%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (58%)
- Black (12%)





- Cyan (13%)
- Magenta (12%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4738, 0.3933, 0.4675 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 69.4738, 0.3933, 0.4675 by changing the saturation by 10% instead.


 69.4738, 0.3933,
0.4675


 69.4738, 0.3933,
0.4675

458.7003, 0.3599,
0.4039

 51.0977, 0.3993,
0.4811


 118.4581, 0.3829,
0.4460


 36.2863, 0.4057,
0.4971


 149.8350, 0.3785,
0.4375

 24.6554, 0.4121,
0.5159

 186.3143, 0.3745,
0.4300

 15.8205, 0.4173,
0.5376

 228.2803, 0.3710,
0.4235

 9.3972, 0.4251,
0.5699

276.1176, 0.3678,
0.4177

 5.0012, 0.4127,
0.5873

330.2104, 0.3649,

 2.2480, 0.3890,

0.4126

0.6110

390.9431, 0.3623,
0.4080

0.7460, 0.2716,
0.7284

0.0000, 0.0000,
0.0000

69.4738, 0.3933,
0.4675

69.4738, 0.3933,
0.4675

69.0554, 0.4025,
0.4839

70.0151, 0.3818,
0.4475

68.7398, 0.4093,
0.4962


70.6789, 0.3687,
0.4247

68.5178, 0.4133,
0.5041

71.4767, 0.3545,
0.4002


68.3713, 0.4151,
0.5080

72.4160, 0.3397,
0.3749

 68.3516, 0.4153,
0.5085

 73.5040, 0.3250,
0.3498

 74.7471, 0.3106,
0.3254

 76.1515, 0.2969,
0.3022

 76.5641, 0.2941,
0.2970

 76.6474, 0.2944,
0.2971

Harmonies

Analogous

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



69.4738, 0.4493, 0.4256



69.4738, 0.3933, 0.4675



69.4738, 0.3196, 0.4686

Triad

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



69.4738, 0.3933, 0.4675



69.4738, 0.1778, 0.2580



69.4738, 0.3700, 0.2617

Complementary

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



69.4738, 0.3933, 0.4675



15.7010, 0.2013, 0.1424

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.



69.4738, 0.2893, 0.2258



69.4738, 0.3933, 0.4675



69.4738, 0.1872, 0.2196

Square

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



69.4738, 0.3933, 0.4675



69.4738, 0.1979, 0.3277



69.4738, 0.2248, 0.2104



69.4738, 0.4399, 0.3121

Rectangle

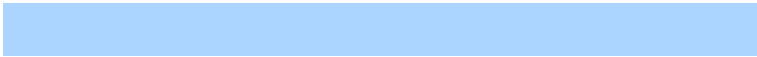
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4738, 0.3933, 0.4675



69.4738, 0.2704, 0.4368



69.4738, 0.2248, 0.2104



69.4738, 0.3427, 0.2478

Sweetspot

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



69.4770, 0.3933, 0.4675



97.1880, 0.3392, 0.3741



24.8582, 0.4917, 0.3319



20.7184, 0.3436, 0.3815



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.



69.4770, 0.3933, 0.4675



92.5355, 0.4041, 0.4868



61.2076, 0.3432, 0.4954



16.0126, 0.3264, 0.3522



39.7890, 0.4153, 0.5084



2.7631, 0.4160, 0.5079

Inverse Universe

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



15.7010, 0.2013, 0.1424



14.1907, 0.1789, 0.1057



20.7575, 0.2548, 0.1653



13.2583, 0.2984, 0.3048



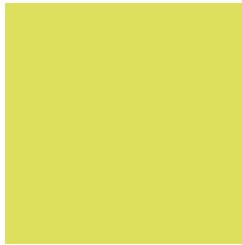
3.1588, 0.1508, 0.0604



0.2244, 0.1530, 0.0616

Previews

White Background



This preview shows how the Yxy color 69.4738, 0.3933, 0.4675 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 69.4738, 0.3933, 0.4675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

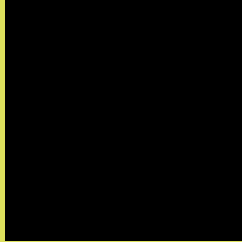
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4738, 0.3933, 0.4675

Background



This preview shows how black text looks on a background with the Yxy color 69.4738, 0.3933, 0.4675.



This preview shows how white text looks on a background with the Yxy color 69.4738, 0.3933, 0.4675.

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

69.4738, 0.3933, 0.4675

Protanopia

69.0818, 0.4144, 0.4546

Deuteranopia

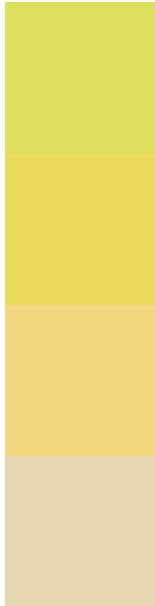
69.3975, 0.3958, 0.3958



Tritanopia

69.1317, 0.3187, 0.3110

Trichromacy



Original Color

69.4738, 0.3933, 0.4675

Protanomaly

69.4515, 0.4065, 0.4593

Deuteranomaly

69.1619, 0.3969, 0.4221

Tritanomaly

68.4732, 0.3494, 0.3700

Monochromacy



Original Color

69.4738, 0.3933, 0.4675

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.9924, 0.3456, 0.3848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4738, 0.3933, 0.4675 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(221, 224, 93)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 93)  
}
```

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(221, 224, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 93) }
```

Border

The CSS property to change the border of an element to Yxy 69.4738, 0.3933, 0.4675 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(221, 224, 93) }
```

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

```
.border{ border-color:rgb(221, 224, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 93);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4738, 0.3933, 0.4675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 93) }
```

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

```
.background{ background-color: rgb(221,  
224, 93) }
```

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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