

Converting Colors

$Yxy(68.0262, 0.3983, 0.4665)$

Have a look what the booklet for
Yxy(68.0262, 0.3983, 0.4665)
contains.

Yxy(68.1391, 0.3981, 0.4666)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.1391, 0.3981, 0.4666)

Conversions

Conversions Part 1

Format	Color
Hex	DFDD5A
RGB	223, 221, 90
RGB Percent	87%, 87%, 35%
CMY	0.1254, 0.1333, 0.6471
CMYK	0.00, 0.01, 0.60, 0.13
HSL	59°, 68%, 61%
HSV	59°, 60%, 87%
XYZ	58.1358, 68.1391, 19.7583
YIQ	206.6640, 43.2430, -40.3170

Conversions

Conversions Part 2

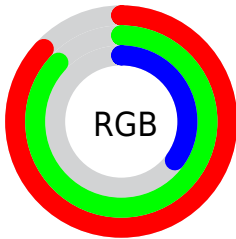
Format	Color
R _{YB}	92, 223, 90
Decimal	14671194
CIE Lab	86.08, -15.55, 62.76
CIE LCh	86, 64.662, 103.918
Yxy	68.1391, 0.3981, 0.4666
Android (android.graphics.Color)	4292861274 (0xFFDFD5A)
YUV	206.6640, -57.5154, 14.3267
Hunter-Lab	82.5464, -18.7422, 43.5908

Details

The Yxy color **68.1391, 0.3981, 0.4666** 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 **15.1562, 0.1976, 0.1402**, and the grayscale version is **62.5278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8243, 0.3772, 0.4356**, and **35.3761, 0.4118, 0.4952** is the 20% darker color. If you saturate the color by 10%, you get **67.6401, 0.4079, 0.4820**, and if you desaturate by 10%, it is **68.7587, 0.3861, 0.4475**.

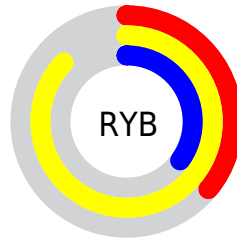
Distribution



Red (87%)

Green (87%)

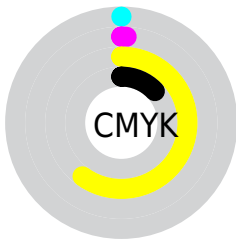
Blue (35%)



Red (36%)

Yellow (87%)

Blue (35%)

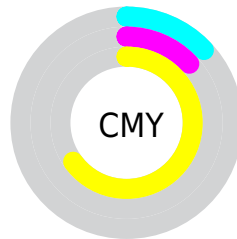


Cyan (0%)

Magenta (1%)

Yellow (60%)

Black (13%)



Cyan (13%)


Magenta (13%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1391, 0.3981, 0.4666 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 68.1391, 0.3981, 0.4666 by changing the saturation by 10% instead.


 68.1391, 0.3981,
0.4666

 68.1391, 0.3981,
0.4666


453.9887, 0.3624,
0.4036

 50.0109, 0.4046,
0.4799

 116.5511, 0.3869,
0.4454

 35.4221, 0.4115,
0.4955

 147.6037, 0.3822,
0.4370

 23.9882, 0.4185,
0.5137


 183.7333, 0.3780,
0.4296

 15.3249, 0.4244,
0.5344

 225.3241, 0.3742,
0.4231

 9.0477, 0.4338,
0.5662

272.7607, 0.3708,
0.4174

 4.7723, 0.4207,
0.5793

326.4274, 0.3677,

 2.1143, 0.3992,

0.4123

0.6008

386.7086, 0.3649,
0.4077

0.6726, 0.2785,
0.7215

0.0000, 0.0000,
0.0000

68.1391, 0.3981,
0.4666

68.1391, 0.3981,
0.4666

67.6401, 0.4079,
0.4820

68.7587, 0.3861,
0.4475

67.2416, 0.4151,
0.4931


69.4986, 0.3724,
0.4256

66.9343, 0.4196,
0.4999


70.3703, 0.3576,
0.4018


66.6972, 0.4219,
0.5030


71.3813, 0.3423,
0.3771

 66.6892, 0.4220,
0.5031

 72.5387, 0.3271,
0.3523

 73.8490, 0.3122,
0.3282

 75.3183, 0.2981,
0.3052

 76.0588, 0.2927,
0.2966

 76.2398, 0.2927,
0.2969

Harmonies

Analogous

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



68.1391, 0.4528, 0.4226



68.1391, 0.3981, 0.4666



68.1391, 0.3245, 0.4714

Triad

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



68.1391, 0.3981, 0.4666



68.1391, 0.1774, 0.2610



68.1391, 0.3651, 0.2585

Complementary

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



68.1391, 0.3981, 0.4666



15.1562, 0.1976, 0.1402

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.



68.1391, 0.2843, 0.2235



68.1391, 0.3981, 0.4666



68.1391, 0.1850, 0.2205

Square

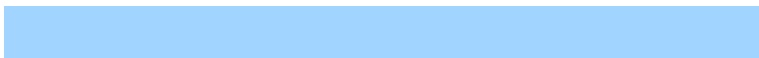
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1391, 0.3981, 0.4666



68.1391, 0.1995, 0.3330



68.1391, 0.2210, 0.2095



68.1391, 0.4373, 0.3084

Rectangle

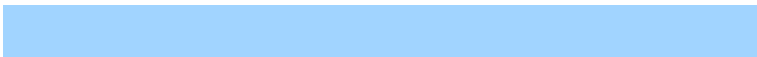
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1391, 0.3981, 0.4666



68.1391, 0.2746, 0.4418



68.1391, 0.2210, 0.2095



68.1391, 0.3375, 0.2448

Sweetspot

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



68.1423, 0.3981, 0.4666



96.9468, 0.3400, 0.3733



23.7773, 0.4958, 0.3272



20.6585, 0.3445, 0.3806



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.



68.1423, 0.3981, 0.4666



91.4833, 0.4102, 0.4857



60.8621, 0.3467, 0.4968



15.9921, 0.3268, 0.3518



39.2236, 0.4220, 0.5032



2.7303, 0.4215, 0.5035

Inverse Universe

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



15.1562, 0.1976, 0.1402



13.4955, 0.1745, 0.1018



19.5374, 0.2491, 0.1603



13.2763, 0.2980, 0.3051



3.1903, 0.1503, 0.0610



0.2330, 0.1511, 0.0639

Previews

White Background



This preview shows how the Yxy color 68.1391, 0.3981, 0.4666 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 68.1391, 0.3981, 0.4666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

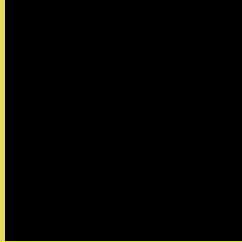
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1391, 0.3981, 0.4666

Background



This preview shows how black text looks on a background with the Yxy color 68.1391, 0.3981, 0.4666.



This preview shows how white text looks on a background with the Yxy color 68.1391, 0.3981, 0.4666.

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

68.1391, 0.3981, 0.4666

Protanopia

67.8307, 0.4164, 0.4556

Deuteranopia

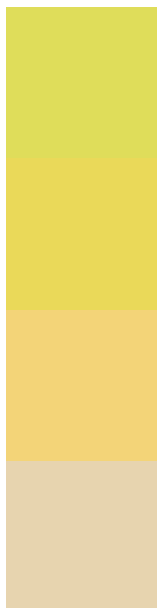
67.6918, 0.4030, 0.4008



Tritanopia

67.8403, 0.3226, 0.3110

Trichromacy



Original Color

68.1391, 0.3981, 0.4666

Protanomaly

67.8394, 0.4098, 0.4592

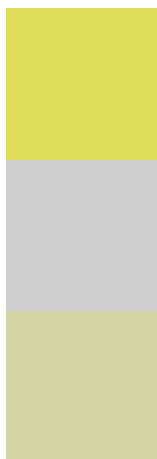
Deuteranomaly

67.4977, 0.4023, 0.4250

Tritanomaly

67.1710, 0.3538, 0.3700

Monochromacy



Original Color

68.1391, 0.3981, 0.4666

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.9134, 0.3475, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1391, 0.3981, 0.4666 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, 221, 90)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 90)  
}
```

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, 221, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 90) }
```

Border

The CSS property to change the border of an element to Yxy 68.1391, 0.3981, 0.4666 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, 221, 90) }
```

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

```
.border{ border-color:rgb(223, 221, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 90);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1391, 0.3981, 0.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 90) }
```

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

```
.background{ background-color: rgb(223,  
221, 90) }
```

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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