

Converting Colors

$Yxy(63.0346, 0.4033, 0.4769)$

Have a look what the booklet for
Yxy(63.0346, 0.4033, 0.4769)
contains.

Yxy(63.0346, 0.4033, 0.4769)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.0346, 0.4033, 0.4769)

Conversions

Conversions Part 1

Format	Color
Hex	D7D64A
RGB	215, 214, 74
RGB Percent	84%, 84%, 29%
CMY	0.1569, 0.1608, 0.7098
CMYK	0.00, 0.00, 0.66, 0.16
HSL	60°, 64%, 57%
HSV	60°, 66%, 84%
XYZ	53.3065, 63.0346, 15.8347
YIQ	198.3390, 45.5360, -43.3280

Conversions

Conversions Part 2

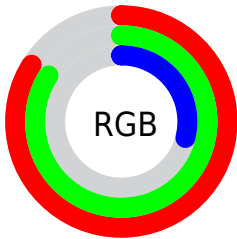
Format	Color
RYB	75, 215, 74
Decimal	14145098
CIELab	83.46, -16.37, 66.31
CIELCh	83, 68.300, 103.871
Yxy	63.0346, 0.4033, 0.4769
Android (android.graphics.Color)	4292335178 (0xFFD7D64A)
YUV	198.3390, -61.2991, 14.6117
Hunter-Lab	79.3943, -19.0927, 43.7511

Details

The Yxy color **63.0346, 0.4033, 0.4769** 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 **11.3927, 0.1862, 0.1205**, and the grayscale version is **57.0500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **32.3097, 0.4161, 0.5078** is the 20% darker color. If you saturate the color by 10%, you get **62.7191, 0.4114, 0.4899**, and if you desaturate by 10%, it is **63.4550, 0.3928, 0.4599**.

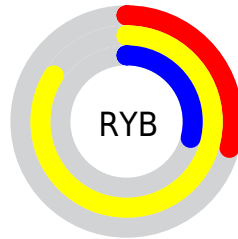
Distribution



Red (84%)

Green (84%)

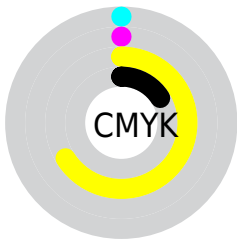
Blue (29%)



Red (29%)

Yellow (84%)

Blue (29%)

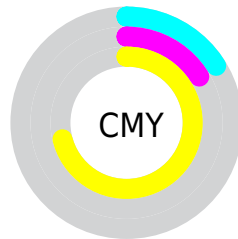


Cyan (0%)

Magenta (0%)

Yellow (66%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0346, 0.4033, 0.4769 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 63.0346, 0.4033, 0.4769 by changing the saturation by 10% instead.

 63.0346, 0.4033,
0.4769


 63.0346, 0.4033,
0.4769


435.6950, 0.3657,
0.4089

 45.8692, 0.4098,
0.4911


 109.2194, 0.3917,
0.4541

 32.1426, 0.4165,
0.5076


 139.0076, 0.3868,
0.4450


 21.4705, 0.4226,
0.5264


 173.7723, 0.3823,
0.4370

 13.4683, 0.4274,
0.5481

 213.8977, 0.3783,
0.4299

 7.7518, 0.4279,
0.5721

 259.7682, 0.3747,
0.4237

 3.9366, 0.4123,
0.5877

311.7684, 0.3714,

 1.6381, 0.3858,

0.4182

0.6142

370.2825, 0.3684,
0.4133

■ 0.3831, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0346, 0.4033,
0.4769

■ 63.0346, 0.4033,
0.4769

■ 62.7191, 0.4114,
0.4899

■ 63.4550, 0.3928,
0.4599

■ 62.4891, 0.4168,
0.4986

■ 63.9807, 0.3802,
0.4394

■ 62.3346, 0.4197,
0.5031

■ 64.6226, 0.3662,
0.4165

■ 62.2801, 0.4206,
0.5043

■ 65.3879, 0.3512,
0.3921

■ 66.2835, 0.3360,
0.3672

■ 67.3154, 0.3209,
0.3425

■ 68.4896, 0.3064,
0.3186

■ 69.8115, 0.2926,
0.2960

■ 70.4551, 0.2871,
0.2871

Harmonies

Analogous

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



63.0346, 0.4628, 0.4276



63.0346, 0.4033, 0.4769



63.0346, 0.3243, 0.4846

Triad

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



63.0346, 0.4033, 0.4769



63.0346, 0.1681, 0.2550



63.0346, 0.3690, 0.2532

Complementary

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



63.0346, 0.4033, 0.4769



11.3927, 0.1862, 0.1205

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.



63.0346, 0.2815, 0.2163



63.0346, 0.4033, 0.4769



63.0346, 0.1763, 0.2124

Square

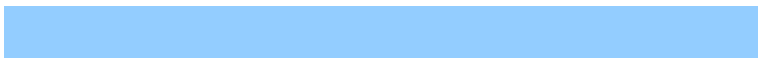
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0346, 0.4033, 0.4769



63.0346, 0.1910, 0.3327



63.0346, 0.2141, 0.2013



63.0346, 0.4476, 0.3059

Rectangle

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



63.0346, 0.4033, 0.4769



63.0346, 0.2708, 0.4528



63.0346, 0.2141, 0.2013



63.0346, 0.3390, 0.2388

Sweetspot

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



63.0375, 0.4033, 0.4769



96.9109, 0.3430, 0.3787



19.8707, 0.5235, 0.3272



20.6641, 0.3474, 0.3858



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.



63.0375, 0.4033, 0.4769



92.1413, 0.4140, 0.4941



55.2833, 0.3476, 0.5119



14.5043, 0.3267, 0.3519



37.2588, 0.4205, 0.5043



2.2522, 0.4203, 0.5045

Inverse Universe

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



11.3927, 0.1862, 0.1205



10.7211, 0.1644, 0.0843



15.5673, 0.2411, 0.1450



12.0226, 0.2981, 0.3051



2.9606, 0.1501, 0.0605



0.1836, 0.1506, 0.0620

Previews

White Background



This preview shows how the Yxy color 63.0346, 0.4033, 0.4769 looks on a white background.

Color Contrast Check

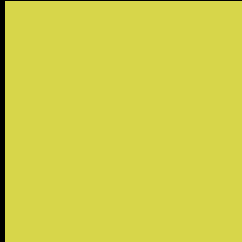
Large Text (above 18pt) WCAG AA × Fail

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 63.0346, 0.4033, 0.4769 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 63.0346, 0.4033, 0.4769

Background



This preview shows how black text looks on a background with the Yxy color 63.0346, 0.4033, 0.4769.



This preview shows how white text looks on a background with the Yxy color 63.0346, 0.4033, 0.4769.

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

63.0346, 0.4033, 0.4769

Protanopia

62.7354, 0.4223, 0.4648

Deuteranopia

62.5490, 0.4340, 0.4262



Tritanopia

62.7604, 0.3229, 0.3115

Trichromacy



Original Color

63.0346, 0.4033, 0.4769

Protanomaly

62.7430, 0.4155, 0.4688

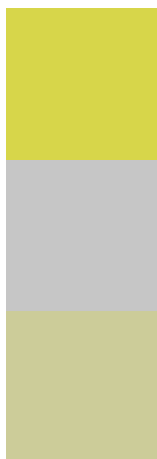
Deuteranomaly

62.4492, 0.4228, 0.4447

Tritanomaly

62.0310, 0.3574, 0.3760

Monochromacy



Original Color

63.0346, 0.4033, 0.4769

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.3230, 0.3501, 0.3909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0346, 0.4033, 0.4769 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(215, 214, 74)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 74)  
}
```

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(215, 214, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 74) }
```

Border

The CSS property to change the border of an element to Yxy 63.0346, 0.4033, 0.4769 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(215, 214, 74) }
```

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

```
.border{ border-color:rgb(215, 214, 74) }
```

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

Here you see how a box with a 4 pixel rgb(215, 214, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 74);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0346, 0.4033, 0.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 74) }
```

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

```
.background{ background-color: rgb(215,  
214, 74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor