

Converting Colors

Yxy(61.1885, 0.3931, 0.4594)

Have a look what the booklet for
Yxy(61.1885, 0.3931, 0.4594)
contains.

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Color

Yxy(61.3937, 0.3929, 0.4598)

Conversions

Conversions Part 1

Format	Color
Hex	D4D35E
RGB	212, 211, 94
RGB Percent	83%, 83%, 37%
CMY	0.1687, 0.1725, 0.6315
CMYK	0.00, 0.00, 0.56, 0.17
HSL	60°, 58%, 60%
HSV	60°, 56%, 83%
XYZ	52.4610, 61.3937, 19.6679
YIQ	197.9610, 38.1530, -36.1750

Conversions

Conversions Part 2

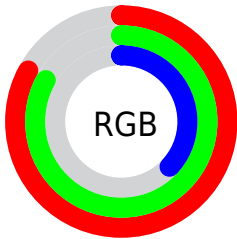
Format	Color
RYB	95, 212, 94
Decimal	13947742
CIELab	82.59, -14.81, 56.93
CIELCh	83, 58.822, 104.586
Yxy	61.3937, 0.3929, 0.4598
Android (android.graphics.Color)	4292137822 (0xFFD4D35E)
YUV	197.9610, -51.2528, 12.3122
Hunter-Lab	78.3541, -17.6073, 39.9653

Details

The Yxy color **61.3937, 0.3929, 0.4598** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **15.3050, 0.2058, 0.1530**, and the grayscale version is **56.7456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9181, 0.3756, 0.4329**, and **31.2357, 0.4065, 0.4891** is the 20% darker color. If you saturate the color by 10%, you get **60.9805, 0.4034, 0.4768**, and if you desaturate by 10%, it is **61.9172, 0.3803, 0.4394**.

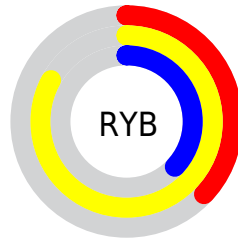
Distribution



Red (83%)

Green (83%)

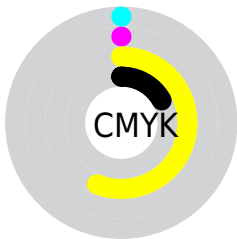
Blue (37%)



Red (37%)

Yellow (83%)

Blue (37%)

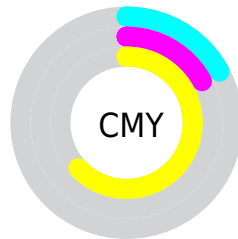


Cyan (0%)

Magenta (0%)

Yellow (56%)

Black (17%)



Cyan (17%)


Magenta (17%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3937, 0.3929, 0.4598 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 61.3937, 0.3929, 0.4598 by changing the saturation by 10% instead.


 61.3937, 0.3929,
0.4598


 61.3937, 0.3929,
0.4598


429.7161, 0.3582,
0.3983


 44.5430, 0.3995,
0.4733


 106.8488, 0.3818,
0.4387


 31.0976, 0.4067,
0.4894


 136.2219, 0.3772,
0.4304

 20.6732, 0.4143,
0.5085


 170.5380, 0.3731,
0.4232

 12.8853, 0.4210,
0.5310

 210.1814, 0.3694,
0.4169

 7.3496, 0.4327,
0.5673

255.5365, 0.3662,
0.4114

 3.6817, 0.4181,
0.5819

306.9877, 0.3633,

 1.4972, 0.3929,

0.4065

0.6071

364.9194, 0.3606,
0.4022

0.2867, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.3937, 0.3929,
0.4598

61.3937, 0.3929,
0.4598

60.9805, 0.4034,
0.4768

61.9172, 0.3803,
0.4394

60.6602, 0.4115,
0.4898


62.5502, 0.3663,
0.4166


60.4254, 0.4170,
0.4984

63.3026, 0.3514,
0.3922


60.2637, 0.4199,
0.5029

64.1809, 0.3361,
0.3673


 60.2063, 0.4208,
0.5041

 65.1911, 0.3210,
0.3426

 66.3387, 0.3065,
0.3188

 67.6292, 0.2928,
0.2963

 68.5040, 0.2850,
0.2836

 68.5913, 0.2850,
0.2838

Harmonies

Analogous

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



61.3937, 0.4448, 0.4199



61.3937, 0.3929, 0.4598



61.3937, 0.3230, 0.4618

Triad

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



61.3937, 0.3929, 0.4598



61.3937, 0.1838, 0.2641



61.3937, 0.3640, 0.2630

Complementary

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



61.3937, 0.3929, 0.4598



15.3050, 0.2058, 0.1530

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.



61.3937, 0.2877, 0.2292



61.3937, 0.3929, 0.4598



61.3937, 0.1917, 0.2256

Square

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



61.3937, 0.3929, 0.4598



61.3937, 0.2047, 0.3315



61.3937, 0.2269, 0.2154



61.3937, 0.4312, 0.3111

Rectangle

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



61.3937, 0.3929, 0.4598



61.3937, 0.2758, 0.4331



61.3937, 0.2269, 0.2154



61.3937, 0.3381, 0.2498

Sweetspot

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



61.3965, 0.3929, 0.4598



97.2889, 0.3384, 0.3711



22.8384, 0.4764, 0.3272



20.7637, 0.3415, 0.3762



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.



61.3965, 0.3929, 0.4598



92.5305, 0.4053, 0.4798



54.8484, 0.3456, 0.4853



14.5016, 0.3267, 0.3518



37.1836, 0.4207, 0.5041



2.2485, 0.4205, 0.5043

Inverse Universe

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



15.3050, 0.2058, 0.1530



15.6962, 0.1825, 0.1145



19.3336, 0.2547, 0.1719



12.0249, 0.2981, 0.3051



2.9650, 0.1502, 0.0606



0.1847, 0.1507, 0.0624

Previews

White Background



This preview shows how the Yxy color 61.3937, 0.3929, 0.4598 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 61.3937, 0.3929, 0.4598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

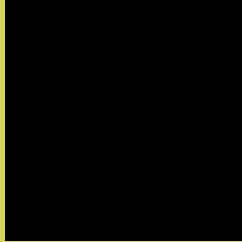
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3937, 0.3929, 0.4598

Background



This preview shows how black text looks on a background with the Yxy color 61.3937, 0.3929, 0.4598.



This preview shows how white text looks on a background with the Yxy color 61.3937, 0.3929, 0.4598.

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

61.3937, 0.3929, 0.4598

Protanopia

61.4093, 0.4104, 0.4501

Deuteranopia

61.2443, 0.4344, 0.4260



Tritanopia

61.0905, 0.3214, 0.3113

Trichromacy



Original Color

61.3937, 0.3929, 0.4598

Protanomaly

61.4317, 0.4036, 0.4536

Deuteranomaly

60.8135, 0.4192, 0.4372

Tritanomaly

60.8298, 0.3509, 0.3672

Monochromacy



Original Color

61.3937, 0.3929, 0.4598

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.9464, 0.3444, 0.3813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3937, 0.3929, 0.4598 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(212, 211, 94)` looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 94)  
}
```

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(212, 211, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 94) }
```

Border

The CSS property to change the border of an element to Yxy 61.3937, 0.3929, 0.4598 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(212, 211, 94) }
```

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

```
.border{ border-color:rgb(212, 211, 94) }
```

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

Here you see how a box with a 4 pixel rgb(212, 211, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 94);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3937, 0.3929, 0.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 94) }
```

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

```
.background{ background-color: rgb(212,  
211, 94) }
```

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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