

Converting Colors

Yxy(62.5349, 0.3852, 0.4876)

Have a look what the booklet for
Yxy(62.5349, 0.3852, 0.4876)
contains.

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Color

Yxy(62.5349, 0.3852, 0.4876)

Conversions

Conversions Part 1

Format	Color
Hex	C5DA4C
RGB	197, 218, 76
RGB Percent	77%, 85%, 30%
CMY	0.2275, 0.1451, 0.7017
CMYK	0.10, 0.00, 0.65, 0.15
HSL	69°, 66%, 58%
HSV	69°, 65%, 85%
XYZ	49.4021, 62.5349, 16.3135
YIQ	195.5330, 33.0660, -48.6140

Conversions

Conversions Part 2

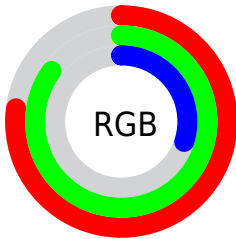
Format	Color
RYB	76, 218, 97
Decimal	12966476
CIELab	83.20, -25.56, 64.80
CIELCh	83, 69.664, 111.526
Yxy	62.5349, 0.3852, 0.4876
Android (android.graphics.Color)	4291156556 (0xFFC5DA4C)
YUV	195.5330, -58.9298, 1.2866
Hunter-Lab	79.0790, -26.8762, 43.1242

Details

The Yxy color **62.5349, 0.3852, 0.4876** 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 **12.7839, 0.2004, 0.1269**, and the grayscale version is **55.2563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4187, 0.3845, 0.4476**, and **31.7808, 0.3942, 0.5233** is the 20% darker color. If you saturate the color by 10%, you get **61.8529, 0.3906, 0.5040**, and if you desaturate by 10%, it is **63.3346, 0.3774, 0.4673**.

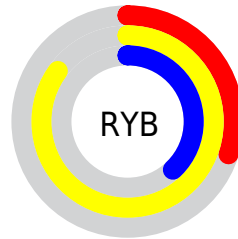
Distribution



Red (77%)

Green (85%)

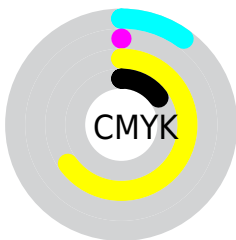
Blue (30%)



Red (30%)

Yellow (85%)

Blue (38%)

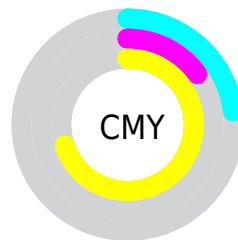


Cyan (10%)

Magenta (0%)

Yellow (65%)

Black (15%)



Cyan (23%)


Magenta (15%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5349, 0.3852, 0.4876 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 62.5349, 0.3852, 0.4876 by changing the saturation by 10% instead.

 62.5349, 0.3852,
0.4876


 62.5349, 0.3852,
0.4876

433.8796, 0.3564,
0.4125


 45.4651, 0.3897,
0.5040

 108.4982, 0.3767,
0.4619


 31.8239, 0.3939,
0.5234


 138.1605, 0.3729,
0.4517

 21.2270, 0.3969,
0.5464


 172.7891, 0.3695,
0.4429

 13.2900, 0.3972,
0.5736

 212.7683, 0.3663,
0.4353

 7.6286, 0.3927,
0.6073

 258.4825, 0.3635,
0.4285

 3.8582, 0.3675,
0.6325

310.3162, 0.3609,

 1.5946, 0.3241,

0.4226

0.6759

368.6538, 0.3585,
0.4173

0.3539, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.5349, 0.3852,
0.4876

62.5349, 0.3852,
0.4876

61.8529, 0.3906,
0.5040

63.3346, 0.3774,
0.4673

61.2692, 0.3934,
0.5160

64.2529, 0.3676,
0.4440

60.7733, 0.3936,
0.5234

65.3010, 0.3563,
0.4188

60.5517, 0.3932,
0.5260

66.4865, 0.3442,
0.3928

67.8164, 0.3316,
0.3667

69.2970, 0.3190,
0.3415

70.9345, 0.3068,
0.3175

72.7346, 0.2952,
0.2950

73.5405, 0.2946,
0.2908

Harmonies

Analogous

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



62.5349, 0.4531, 0.4440



62.5349, 0.3852, 0.4876



62.5349, 0.3028, 0.4798

Triad

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



62.5349, 0.3852, 0.4876



62.5349, 0.1647, 0.2388



62.5349, 0.3931, 0.2642

Complementary

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



62.5349, 0.3852, 0.4876



12.7839, 0.2004, 0.1269

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.



62.5349, 0.3023, 0.2219



62.5349, 0.3852, 0.4876



62.5349, 0.1807, 0.2045

Square

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



62.5349, 0.3852, 0.4876



62.5349, 0.1795, 0.3092



62.5349, 0.2269, 0.2006



62.5349, 0.4650, 0.3204

Rectangle

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



62.5349, 0.3852, 0.4876



62.5349, 0.2504, 0.4360



62.5349, 0.2269, 0.2006



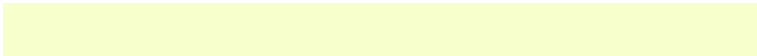
62.5349, 0.3630, 0.2481

Sweetspot

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



62.5377, 0.3852, 0.4876



95.7358, 0.3380, 0.3799



23.6101, 0.5082, 0.3497



20.3782, 0.3415, 0.3873



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.



62.5377, 0.3852, 0.4876



87.9038, 0.3919, 0.5088



55.2656, 0.3323, 0.5203



15.1612, 0.3244, 0.3523



36.3117, 0.3936, 0.5257



2.3796, 0.3980, 0.5222

Inverse Universe

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



12.7839, 0.2004, 0.1269



12.0148, 0.1776, 0.0917



18.3412, 0.2634, 0.1560



12.7092, 0.3004, 0.3050



3.2479, 0.1563, 0.0634



0.2403, 0.1691, 0.0705

Previews

White Background



This preview shows how the Yxy color 62.5349, 0.3852, 0.4876 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 62.5349, 0.3852, 0.4876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

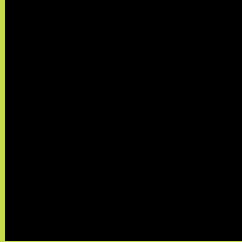
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5349, 0.3852, 0.4876

Background



This preview shows how black text looks on a background with the Yxy color 62.5349, 0.3852, 0.4876.

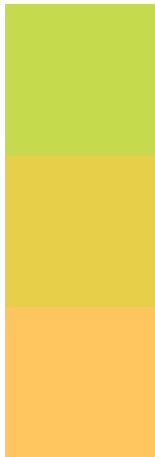


This preview shows how white text looks on a background with the Yxy color 62.5349, 0.3852, 0.4876.

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

62.5349, 0.3852, 0.4876

Protanopia

62.0956, 0.4218, 0.4638

Deuteranopia

62.0007, 0.4377, 0.4292



Tritanopia

62.3501, 0.3075, 0.3110

Trichromacy



Original Color

62.5349, 0.3852, 0.4876

Protanomaly

62.1430, 0.4086, 0.4725

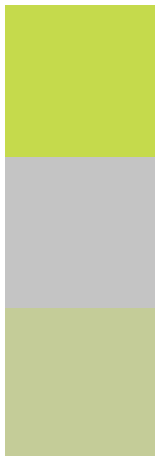
Deuteranomaly

61.8432, 0.4188, 0.4506

Tritanomaly

61.6935, 0.3404, 0.3778

Monochromacy



Original Color

62.5349, 0.3852, 0.4876

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

57.1885, 0.3442, 0.3935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5349, 0.3852, 0.4876 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(197, 218, 76)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 76)  
}
```

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(197, 218, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 76) }
```

Border

The CSS property to change the border of an element to Yxy 62.5349, 0.3852, 0.4876 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(197, 218, 76) }
```

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

```
.border{ border-color:rgb(197, 218, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 76);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
76) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.5349, 0.3852, 0.4876$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 76) }
```

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

```
.background{ background-color: rgb(197,  
218, 76) }
```

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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