

Converting Colors

Yxy(62.2613, 0.3828, 0.4877)

Have a look what the booklet for
Yxy(62.2613, 0.3828, 0.4877)
contains.

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Color

Yxy(62.2807, 0.3832, 0.4879)

Conversions

Conversions Part 1

Format	Color
Hex	C3DA4D
RGB	195, 218, 77
RGB Percent	76%, 85%, 30%
CMY	0.2353, 0.1451, 0.6982
CMYK	0.11, 0.00, 0.65, 0.15
HSL	70°, 66%, 58%
HSV	70°, 65%, 85%
XYZ	48.9157, 62.2807, 16.4542
YIQ	195.0490, 31.5530, -48.7270

Conversions

Conversions Part 2

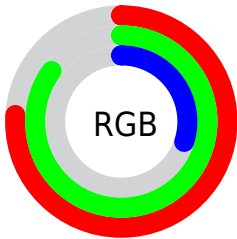
Format	Color
RYB	77, 218, 100
Decimal	12835405
CIELab	83.06, -26.31, 64.27
CIElCh	83, 69.443, 112.259
Yxy	62.2807, 0.3832, 0.4879
Android (android.graphics.Color)	4291025485 (0xFFC3DA4D)
YUV	195.0490, -58.1982, -0.0430
Hunter-Lab	78.9181, -27.4674, 42.8809

Details

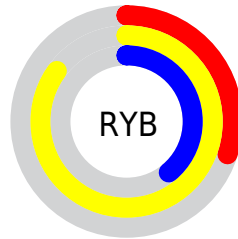
The Yxy color **62.2807, 0.3832, 0.4879** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **13.0695, 0.2027, 0.1289**, and the grayscale version is **54.9421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2568, 0.3833, 0.4471**, and **31.6152, 0.3916, 0.5241** is the 20% darker color. If you saturate the color by 10%, you get **61.5577, 0.3884, 0.5048**, and if you desaturate by 10%, it is **63.1238, 0.3756, 0.4672**.

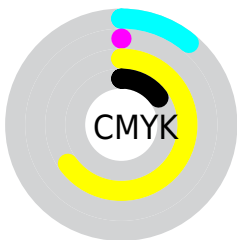
Distribution



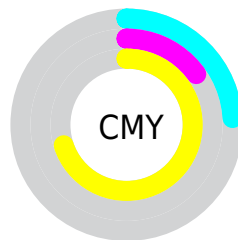
- Red (76%)
- Green (85%)
- Blue (30%)



- Red (30%)
- Yellow (85%)
- Blue (39%)



- Cyan (11%)
- Magenta (0%)
- Yellow (65%)
- Black (15%)




- Cyan (24%)
- Magenta (15%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2807, 0.3832, 0.4879 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 62.2807, 0.3832, 0.4879 by changing the saturation by 10% instead.


 62.2807, 0.3832,
0.4879

 62.2807, 0.3832,
0.4879


432.9543, 0.3552,
0.4124

 45.2596, 0.3875,
0.5045


 108.1311, 0.3750,
0.4620


 31.6619, 0.3915,
0.5242

 137.7292, 0.3713,
0.4518

 21.1034, 0.3943,
0.5476


 172.2883, 0.3680,
0.4429

 13.1996, 0.3942,
0.5753

 212.1930, 0.3649,
0.4352

 7.5661, 0.3895,
0.6105

 257.8275, 0.3621,
0.4285

 3.8186, 0.3634,
0.6366

309.5763, 0.3596,

 1.5726, 0.3177,

0.4225

0.6823

367.8237, 0.3573,
0.4172

0.3390, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.2807, 0.3832,
0.4879

62.2807, 0.3832,
0.4879

61.5577, 0.3884,
0.5048

63.1238, 0.3756,
0.4672

60.9354, 0.3910,
0.5173


64.0878, 0.3660,
0.4435

60.4035, 0.3911,
0.5252

65.1839, 0.3549,
0.4181


60.1464, 0.3905,
0.5281

66.4197, 0.3430,
0.3918

 67.8021, 0.3307,
0.3657

 69.3377, 0.3184,
0.3405

 71.0324, 0.3064,
0.3165

 72.8920, 0.2951,
0.2942

 73.6968, 0.2952,
0.2908

Harmonies

Analogous

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



62.2807, 0.4516, 0.4452



62.2807, 0.3832, 0.4879



62.2807, 0.3009, 0.4784

Triad

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



62.2807, 0.3832, 0.4879



62.2807, 0.1650, 0.2377



62.2807, 0.3951, 0.2656

Complementary

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



62.2807, 0.3832, 0.4879



13.0695, 0.2027, 0.1289

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.



62.2807, 0.3045, 0.2229



62.2807, 0.3832, 0.4879



62.2807, 0.1817, 0.2043

Square

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



62.2807, 0.3832, 0.4879



62.2807, 0.1789, 0.3071



62.2807, 0.2285, 0.2010



62.2807, 0.4659, 0.3219

Rectangle

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



62.2807, 0.3832, 0.4879



62.2807, 0.2488, 0.4337



62.2807, 0.2285, 0.2010



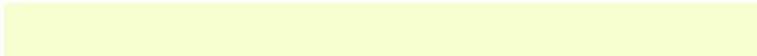
62.2807, 0.3651, 0.2494

Sweetspot

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



62.2835, 0.3832, 0.4879



95.7952, 0.3362, 0.3773



24.1970, 0.5042, 0.3523



20.3835, 0.3398, 0.3849



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.



62.2835, 0.3832, 0.4879



87.4253, 0.3898, 0.5103



55.1410, 0.3307, 0.5201



15.1508, 0.3242, 0.3523



36.0717, 0.3909, 0.5278



2.3662, 0.3958, 0.5239

Inverse Universe

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



13.0695, 0.2027, 0.1289



12.1590, 0.1792, 0.0925



18.7577, 0.2663, 0.1581



12.7187, 0.3006, 0.3050



3.2834, 0.1573, 0.0640



0.2448, 0.1710, 0.0716

Previews

White Background



This preview shows how the Yxy color 62.2807, 0.3832, 0.4879 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 62.2807, 0.3832, 0.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

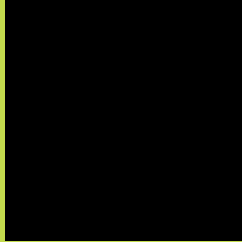
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2807, 0.3832, 0.4879

Background



This preview shows how black text looks on a background with the Yxy color 62.2807, 0.3832, 0.4879.



This preview shows how white text looks on a background with the Yxy color 62.2807, 0.3832, 0.4879.

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

62.2807, 0.3832, 0.4879

Protanopia

62.1090, 0.4214, 0.4631

Deuteranopia

61.9652, 0.4389, 0.4307



Tritanopia

62.0547, 0.3060, 0.3109

Trichromacy



Original Color

62.2807, 0.3832, 0.4879

Protanomaly

62.0020, 0.4073, 0.4723

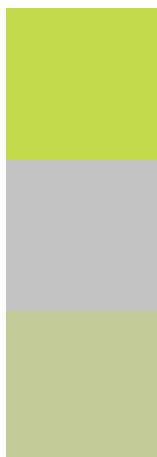
Deuteranomaly

61.6744, 0.4180, 0.4510

Tritanomaly

61.4072, 0.3388, 0.3780

Monochromacy



Original Color

62.2807, 0.3832, 0.4879

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.5810, 0.3437, 0.3926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2807, 0.3832, 0.4879 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(195, 218, 77)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 77)  
}
```

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(195, 218, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 77) }
```

Border

The CSS property to change the border of an element to Yxy 62.2807, 0.3832, 0.4879 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(195, 218, 77) }
```

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

```
.border{ border-color:rgb(195, 218, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 77);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2807, 0.3832, 0.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 77) }
```

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

```
.background{ background-color: rgb(195,  
218, 77) }
```

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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