

Converting Colors

$Yxy(65.3004, 0.3877, 0.4894)$

Have a look what the booklet for
Yxy(65.3004, 0.3877, 0.4894)
contains.

Yxy(65.2935, 0.3878, 0.4896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.2935, 0.3878, 0.4896)

Conversions

Conversions Part 1

Format	Color
Hex	CADE4A
RGB	202, 222, 74
RGB Percent	79%, 87%, 29%
CMY	0.2078, 0.1294, 0.7099
CMYK	0.09, 0.00, 0.67, 0.13
HSL	68°, 69%, 58%
HSV	68°, 67%, 87%
XYZ	51.7174, 65.2935, 16.3500
YIQ	199.1480, 35.5880, -50.2680

Conversions

Conversions Part 2

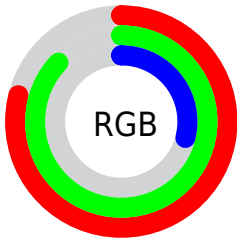
Format	Color
RYB	74, 222, 94
Decimal	13295178
CIELab	84.63, -25.57, 67.20
CIELCh	85, 71.906, 110.834
Yxy	65.2935, 0.3878, 0.4896
Android (android.graphics.Color)	4291485258 (0xFFCADE4A)
YUV	199.1480, -61.6980, 2.5012
Hunter-Lab	80.8044, -27.1621, 44.5663

Details

The Yxy color **65.2935, 0.3878, 0.4896** 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 **12.5453, 0.1961, 0.1215**, and the grayscale version is **57.5791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **33.6572, 0.3965, 0.5234** is the 20% darker color. If you saturate the color by 10%, you get **64.6343, 0.3930, 0.5050**, and if you desaturate by 10%, it is **66.0723, 0.3801, 0.4701**.

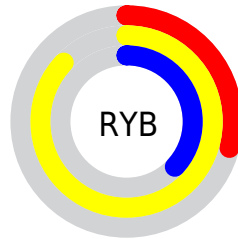
Distribution



Red (79%)

Green (87%)

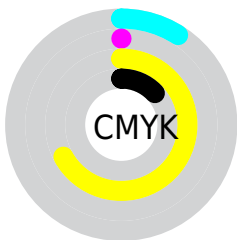
Blue (29%)



Red (29%)

Yellow (87%)

Blue (37%)

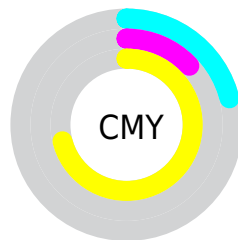


Cyan (9%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (21%)


Magenta (13%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2935, 0.3878, 0.4896 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 65.2935, 0.3878, 0.4896 by changing the saturation by 10% instead.

 65.2935, 0.3878,
0.4896

 65.2935, 0.3878,
0.4896

443.8459, 0.3583,
0.4145


 47.6991, 0.3923,
0.5057


 112.4717, 0.3792,
0.4641


 33.5887, 0.3965,
0.5247


 142.8243, 0.3753,
0.4540


 22.5778, 0.3995,
0.5469


 178.1985, 0.3718,
0.4452

 14.2821, 0.3998,
0.5729

 218.9785, 0.3686,
0.4375

 8.3171, 0.3954,
0.6046

 265.5489, 0.3656,
0.4307

 4.2985, 0.3718,
0.6282

318.2940, 0.3630,

 1.8419, 0.3326,

0.4247

0.6674

377.5982, 0.3605,
0.4193

■ 0.5131, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2935, 0.3878,
0.4896

■ 65.2935, 0.3878,
0.4896

■ 64.6343, 0.3930,
0.5050

■ 66.0723, 0.3801,
0.4701

■ 64.0739, 0.3956,
0.5160

■ 66.9719, 0.3704,
0.4475

■ 63.6006, 0.3957,
0.5226


■ 68.0039, 0.3590,
0.4227


■ 63.4540, 0.3955,
0.5242


■ 69.1766, 0.3467,
0.3968

 70.4971, 0.3339,
0.3708

 71.9724, 0.3211,
0.3454

 73.6088, 0.3086,
0.3211

 75.4123, 0.2967,
0.2984

 76.1197, 0.2966,
0.2952

Harmonies

Analogous

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



65.2935, 0.4563, 0.4440



65.2935, 0.3878, 0.4896



65.2935, 0.3043, 0.4837

Triad

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



65.2935, 0.3878, 0.4896



65.2935, 0.1626, 0.2384



65.2935, 0.3924, 0.2620

Complementary

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



65.2935, 0.3878, 0.4896



12.5453, 0.1961, 0.1215

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.



65.2935, 0.3000, 0.2196



65.2935, 0.3878, 0.4896



65.2935, 0.1781, 0.2031

Square

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



65.2935, 0.3878, 0.4896



65.2935, 0.1782, 0.3107



65.2935, 0.2241, 0.1986



65.2935, 0.4665, 0.3186

Rectangle

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



65.2935, 0.3878, 0.4896



65.2935, 0.2510, 0.4401



65.2935, 0.2241, 0.1986



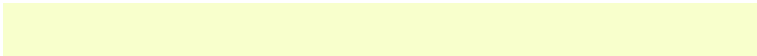
65.2935, 0.3616, 0.2459

Sweetspot

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



65.2965, 0.3878, 0.4896



95.8572, 0.3384, 0.3798



23.9778, 0.5155, 0.3498



20.4077, 0.3420, 0.3872



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.



65.2965, 0.3878, 0.4896



88.1650, 0.3943, 0.5099



57.3460, 0.3322, 0.5248



15.9309, 0.3246, 0.3523



37.7256, 0.3958, 0.5239



2.6412, 0.3997, 0.5209

Inverse Universe

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



12.5453, 0.1961, 0.1215



11.2302, 0.1735, 0.0869



18.4626, 0.2618, 0.1524



13.3316, 0.3001, 0.3049



3.3238, 0.1554, 0.0630



0.2593, 0.1667, 0.0692

Previews

White Background



This preview shows how the Yxy color 65.2935, 0.3878, 0.4896 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 65.2935, 0.3878, 0.4896 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 65.2935, 0.3878, 0.4896

Background



This preview shows how black text looks on a background with the Yxy color 65.2935, 0.3878, 0.4896.



This preview shows how white text looks on a background with the Yxy color 65.2935, 0.3878, 0.4896.

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

65.2935, 0.3878, 0.4896

Protanopia

64.8763, 0.4238, 0.4658

Deuteranopia

64.7620, 0.4204, 0.4156



Tritanopia

65.2453, 0.3084, 0.3113

Trichromacy



Original Color

65.2935, 0.3878, 0.4896

Protanomaly

64.9161, 0.4108, 0.4744

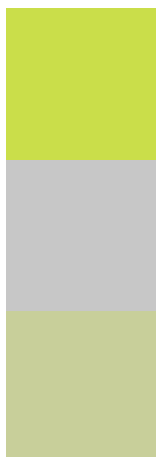
Deuteranomaly

64.3734, 0.4100, 0.4418

Tritanomaly

64.4501, 0.3429, 0.3803

Monochromacy



Original Color

65.2935, 0.3878, 0.4896

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

59.2381, 0.3454, 0.3937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2935, 0.3878, 0.4896 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(202, 222, 74)` looks like.

```
.text, #text, p{  
    color:rgb(202, 222, 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(202, 222, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 222, 74) }
```

Border

The CSS property to change the border of an element to Yxy 65.2935, 0.3878, 0.4896 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(202, 222, 74) }
```

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

```
.border{ border-color:rgb(202, 222, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 222, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 222, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 222, 74); box-shadow:4px 4px 4px 4px rgb(202, 222, 74) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2935, 0.3878, 0.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 222, 74) }
```

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

```
.background{ background-color: rgb(202,  
222, 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](#).

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