

Converting Colors

$Yxy(62.0664, 0.4074, 0.5147)$

Have a look what the booklet for
Yxy(62.0664, 0.4074, 0.5147)
contains.

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Color

Yxy(62.1823, 0.4072, 0.5149)

Conversions

Conversions Part 1

Format	Color
Hex	CAD900
RGB	202, 217, 0
RGB Percent	79%, 85%, 0%
CMY	0.2077, 0.1490, 1.0000
CMYK	0.07, 0.00, 1.00, 0.15
HSL	64°, 100%, 43%
HSV	64°, 100%, 85%
XYZ	49.1758, 62.1823, 9.4077
YIQ	187.7770, 60.7170, -70.6670

Conversions

Conversions Part 2

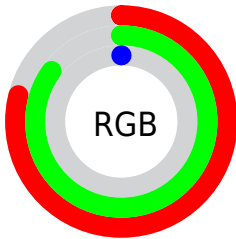
Format	Color
RYB	0, 217, 15
Decimal	13293824
CIELab	83.01, -25.37, 82.29
CIELCh	83, 86.112, 107.135
Yxy	62.1823, 0.4072, 0.5149
Android (android.graphics.Color)	4291483904 (0xFFCAD900)
YUV	187.7770, -92.5741, 12.4736
Hunter-Lab	78.8558, -26.6819, 48.1256

Details

The Yxy color **62.1823, 0.4072, 0.5149** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **5.1109, 0.1518, 0.0610**, and the grayscale version is **50.6705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **31.6803, 0.3990, 0.5214** is the 20% darker color. If you saturate the color by 10%, you get **62.1853, 0.4072, 0.5149**, and if you desaturate by 10%, it is **62.4520, 0.4064, 0.5104**.

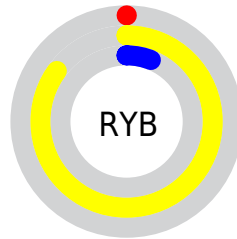
Distribution



Red (79%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (6%)

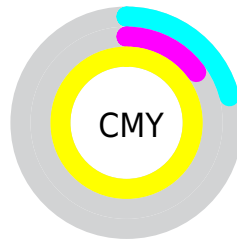


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1823, 0.4072, 0.5149 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 62.1823, 0.4072, 0.5149 by changing the saturation by 10% instead.

62.1823, 0.4072,
0.5149

62.1823, 0.4072,
0.5149

432.5957, 0.3727,
0.4312

45.1800, 0.4112,
0.5311

107.9890, 0.3981,
0.4877

31.5992, 0.4138,
0.5491

137.5621, 0.3937,
0.4765

21.0556, 0.4139,
0.5689

172.0944, 0.3895,
0.4666

13.1646, 0.4095,
0.5905

211.9701, 0.3856,
0.4578

7.5420, 0.3930,
0.6070

257.5737, 0.3820,
0.4500

3.8033, 0.3678,
0.6322

309.2896, 0.3786,

1.5642, 0.3240,

0.4431

0.6760

367.5021, 0.3756,
0.4368

■ 0.3333, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1823, 0.4072,
0.5149

■ 62.1823, 0.4072,
0.5149

■ 62.1853, 0.4072,
0.5149

■ 62.4520, 0.4064,
0.5104

■ 62.7844, 0.4035,
0.5022

■ 63.2038, 0.3980,
0.4896

■ 63.7218, 0.3899,
0.4728

■ 64.3483, 0.3796,
0.4524

■ 65.0920, 0.3675,
0.4293

■ 65.9608, 0.3542,
0.4045

■ 66.9616, 0.3404,
0.3790

■ 68.1012, 0.3264,
0.3536

Harmonies

Analogous

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



62.1823, 0.4869, 0.4490



62.1823, 0.4072, 0.5149



62.1823, 0.3101, 0.5273

Triad

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



62.1823, 0.4072, 0.5149



62.1823, 0.1384, 0.2268



62.1823, 0.3947, 0.2423

Complementary

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



62.1823, 0.4072, 0.5149



5.1109, 0.1518, 0.0610

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.



62.1823, 0.2832, 0.1970



62.1823, 0.4072, 0.5149



62.1823, 0.1521, 0.1837

Square

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



62.1823, 0.4072, 0.5149



62.1823, 0.1587, 0.3175



62.1823, 0.1992, 0.1762



62.1823, 0.4910, 0.3044

Rectangle

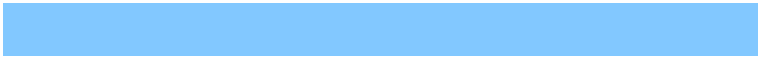
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1823, 0.4072, 0.5149



62.1823, 0.2467, 0.4811



62.1823, 0.1992, 0.1762



62.1823, 0.3564, 0.2248

Sweetspot

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



62.1853, 0.4072, 0.5149



95.0274, 0.3546, 0.4052



15.0781, 0.6360, 0.3332



20.2214, 0.3603, 0.4159



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.



62.1853, 0.4072, 0.5149



89.5955, 0.4071, 0.5150



52.0059, 0.3273, 0.5783



15.2158, 0.3256, 0.3522



37.6636, 0.4074, 0.5147



2.4540, 0.4094, 0.5131

Inverse Universe

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



5.1109, 0.1518, 0.0610



7.3447, 0.1516, 0.0609



9.2180, 0.2150, 0.0958



12.6599, 0.2992, 0.3049



3.1105, 0.1523, 0.0613



0.2169, 0.1591, 0.0650

Previews

White Background



This preview shows how the Yxy color 62.1823, 0.4072, 0.5149 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 62.1823, 0.4072, 0.5149 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 62.1823, 0.4072, 0.5149

Background



This preview shows how black text looks on a background with the Yxy color 62.1823, 0.4072, 0.5149.

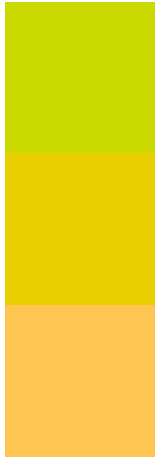


This preview shows how white text looks on a background with the Yxy color 62.1823, 0.4072, 0.5149.

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

62.1823, 0.4072, 0.5149

Protanopia

61.9493, 0.4407, 0.4883

Deuteranopia

61.8017, 0.4445, 0.4379



Tritanopia

62.0547, 0.3128, 0.3111

Trichromacy



Original Color

62.1823, 0.4072, 0.5149

Protanomaly

62.1181, 0.4283, 0.4981

Deuteranomaly

61.2665, 0.4365, 0.4707

Tritanomaly

60.4868, 0.3661, 0.4091

Monochromacy



Original Color

62.1823, 0.4072, 0.5149

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

53.5404, 0.3663, 0.4282

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1823, 0.4072, 0.5149 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, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 0)  
}
```

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, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 0) }
```

Border

The CSS property to change the border of an element to Yxy 62.1823, 0.4072, 0.5149 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, 217, 0) }
```

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

```
.border{ border-color:rgb(202, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(202, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1823, 0.4072, 0.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 0) }
```

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

```
.background{ background-color: rgb(202,  
217, 0) }
```

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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