

Converting Colors

Yxy(60.9562, 0.4105, 0.5122)

Have a look what the booklet for
Yxy(60.9562, 0.4105, 0.5122)
contains.

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Color

Yxy(60.7896, 0.4103, 0.5124)

Conversions

Conversions Part 1

Format	Color
Hex	CBD600
RGB	203, 214, 0
RGB Percent	80%, 84%, 0%
CMY	0.2039, 0.1608, 0.9995
CMYK	0.05, 0.00, 1.00, 0.16
HSL	63°, 100%, 42%
HSV	63°, 100%, 84%
XYZ	48.6768, 60.7896, 9.1706
YIQ	186.3150, 62.1380, -68.8860

Conversions

Conversions Part 2

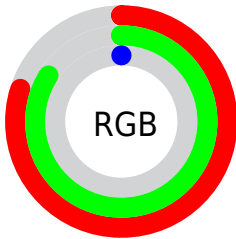
Format	Color
RYB	0, 214, 11
Decimal	13358592
CIELab	82.27, -23.52, 81.75
CIELCh	82, 85.072, 106.052
Yxy	60.7896, 0.4103, 0.5124
Android (android.graphics.Color)	4291548672 (0xFFCBD600)
YUV	186.3150, -91.8533, 14.6327
Hunter-Lab	77.9677, -25.0024, 47.6036

Details

The Yxy color **60.7896, 0.4103, 0.5124** 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 **4.9297, 0.1513, 0.0608**, and the grayscale version is **49.7982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **31.0709, 0.4021, 0.5190** is the 20% darker color. If you saturate the color by 10%, you get **60.7913, 0.4103, 0.5124**, and if you desaturate by 10%, it is **61.0033, 0.4092, 0.5082**.

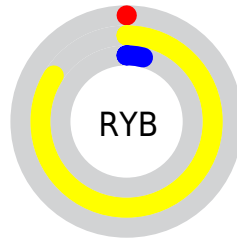
Distribution



Red (80%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (4%)

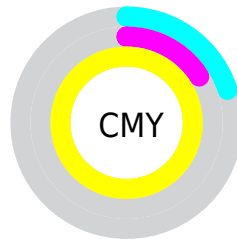


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (20%)


Magenta (16%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7896, 0.4103, 0.5124 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 60.7896, 0.4103, 0.5124 by changing the saturation by 10% instead.


 60.7896, 0.4103,
0.5124


 60.7896, 0.4103,
0.5124


427.5021, 0.3741,
0.4299

 44.0554, 0.4147,
0.5283


 105.9742, 0.4006,
0.4857

 30.7141, 0.4177,
0.5459


 135.1934, 0.3960,
0.4746

 20.3812, 0.4185,
0.5653


 169.3431, 0.3916,
0.4649

 12.6724, 0.4144,
0.5856

 208.8076, 0.3875,
0.4562

 7.2034, 0.3987,
0.6013

 253.9714, 0.3837,
0.4485

 3.5896, 0.3746,
0.6254

 305.2188, 0.3802,

 1.4468, 0.3312,

0.4416

0.6688

362.9343, 0.3770,
0.4355

■ 0.2508, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7896, 0.4103,
0.5124

■ 60.7896, 0.4103,
0.5124

■ 60.7913, 0.4103,
0.5124

■ 61.0033, 0.4092,
0.5082

■ 61.2772, 0.4059,
0.5003

■ 61.6345, 0.4000,
0.4880

■ 62.0864, 0.3916,
0.4716

■ 62.6425, 0.3810,
0.4515

■ 63.3113, 0.3686,
0.4286

■ 64.1002, 0.3550,
0.4040

■ 65.0161, 0.3409,
0.3787

■ 66.0653, 0.3266,
0.3534

Harmonies

Analogous

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



60.7896, 0.4885, 0.4460



60.7896, 0.4103, 0.5124



60.7896, 0.3138, 0.5274

Triad

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



60.7896, 0.4103, 0.5124



60.7896, 0.1391, 0.2297



60.7896, 0.3902, 0.2406

Complementary

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



60.7896, 0.4103, 0.5124



4.9297, 0.1513, 0.0608

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.



60.7896, 0.2797, 0.1963



60.7896, 0.4103, 0.5124



60.7896, 0.1516, 0.1851

Square

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



60.7896, 0.4103, 0.5124



60.7896, 0.1607, 0.3218



60.7896, 0.1973, 0.1765



60.7896, 0.4877, 0.3022

Rectangle

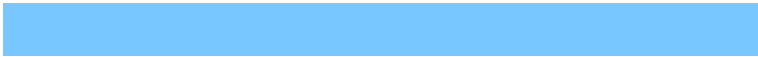
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7896, 0.4103, 0.5124



60.7896, 0.2503, 0.4838



60.7896, 0.1973, 0.1765



60.7896, 0.3521, 0.2234

Sweetspot

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



60.7924, 0.4103, 0.5124



95.2760, 0.3555, 0.4049



14.5320, 0.6370, 0.3324



20.2818, 0.3614, 0.4155



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.



60.7924, 0.4103, 0.5124



90.3774, 0.4102, 0.5125



50.6019, 0.3294, 0.5766



14.4859, 0.3259, 0.3521



36.7573, 0.4104, 0.5123



2.2272, 0.4121, 0.5110

Inverse Universe

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



4.9297, 0.1513, 0.0608



7.3064, 0.1511, 0.0606



8.6922, 0.2116, 0.0939



12.0389, 0.2989, 0.3049



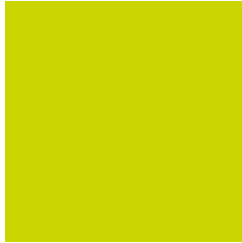
2.9912, 0.1517, 0.0610



0.1914, 0.1572, 0.0639

Previews

White Background



This preview shows how the Yxy color 60.7896, 0.4103, 0.5124 looks on a white background.

Color Contrast Check

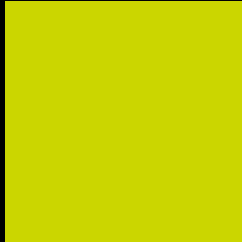
Large Text (above 18pt) WCAG AA × Fail

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 60.7896, 0.4103, 0.5124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

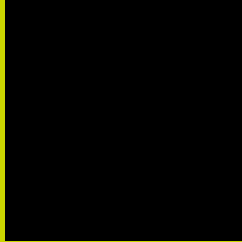
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7896, 0.4103, 0.5124

Background



This preview shows how black text looks on a background with the Yxy color 60.7896, 0.4103, 0.5124.



This preview shows how white text looks on a background with the Yxy color 60.7896, 0.4103, 0.5124.

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

60.7896, 0.4103, 0.5124

Protanopia

60.6516, 0.4409, 0.4881

Deuteranopia

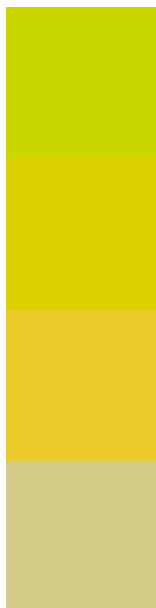
60.6719, 0.4543, 0.4466



Tritanopia

60.6586, 0.3159, 0.3110

Trichromacy



Original Color

60.7896, 0.4103, 0.5124

Protanomaly

60.4839, 0.4301, 0.4967

Deuteranomaly

60.2340, 0.4414, 0.4739

Tritanomaly

59.1380, 0.3694, 0.4080

Monochromacy



Original Color

60.7896, 0.4103, 0.5124

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

51.9943, 0.3681, 0.4277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7896, 0.4103, 0.5124 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(203, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 214, 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(203, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 214, 0) }
```

Border

The CSS property to change the border of an element to Yxy 60.7896, 0.4103, 0.5124 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(203, 214, 0) }
```

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

```
.border{ border-color:rgb(203, 214, 0) }
```

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

Here you see how a box with a 4 pixel rgb(203, 214, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 214,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7896, 0.4103, 0.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 214, 0) }
```

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

```
.background{ background-color: rgb(203,  
214, 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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