

Converting Colors

$Yxy(60.9132, 0.4005, 0.5202)$

Have a look what the booklet for
Yxy(60.9132, 0.4005, 0.5202)
contains.

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Color

Yxy(61.0950, 0.4006, 0.5201)

Conversions

Conversions Part 1

Format	Color
Hex	C2D900
RGB	194, 217, 0
RGB Percent	76%, 85%, 0%
CMY	0.2393, 0.1490, 0.9995
CMYK	0.11, 0.00, 1.00, 0.15
HSL	66°, 100%, 43%
HSV	66°, 100%, 85%
XYZ	47.0576, 61.0950, 9.3152
YIQ	185.3850, 55.9490, -72.3630

Conversions

Conversions Part 2

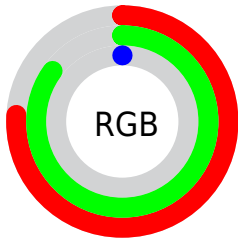
Format	Color
RYB	0, 217, 23
Decimal	12769536
CIELab	82.43, -28.72, 81.58
CIELCh	82, 86.487, 109.393
Yxy	61.0950, 0.4006, 0.5201
Android (android.graphics.Color)	4290959616 (0xFFC2D900)
YUV	185.3850, -91.3948, 7.5554
Hunter-Lab	78.1633, -29.3212, 47.6484

Details

The Yxy color **61.0950, 0.4006, 0.5201** 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 **5.1971, 0.1533, 0.0618**, and the grayscale version is **49.2459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2790, 0.4028, 0.4795**, and **30.9916, 0.3905, 0.5282** is the 20% darker color. If you saturate the color by 10%, you get **61.0957, 0.4006, 0.5201**, and if you desaturate by 10%, it is **61.4620, 0.4005, 0.5150**.

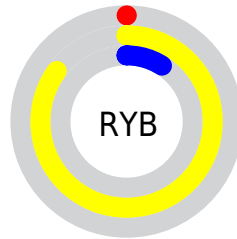
Distribution



Red (76%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (9%)

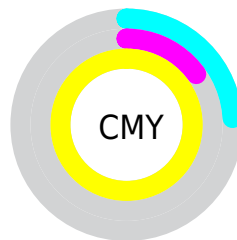


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (24%)


Magenta (15%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0950, 0.4006, 0.5201 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 61.0950, 0.4006, 0.5201 by changing the saturation by 10% instead.


 61.0950, 0.4006,
0.5201


 61.0950, 0.4006,
0.5201

428.6222, 0.3693,
0.4328

 44.3018, 0.4038,
0.5374

 106.4165, 0.3927,
0.4915

 30.9079, 0.4054,
0.5567


 135.7136, 0.3886,
0.4798


 20.5287, 0.4043,
0.5784


 169.9475, 0.3848,
0.4694

 12.7799, 0.3980,
0.6020


 209.5025, 0.3812,
0.4603

 7.2772, 0.3788,
0.6212

 254.7631, 0.3779,
0.4523

 3.6361, 0.3493,
0.6507

 306.1137, 0.3748,

 1.4721, 0.2919,

0.4451

0.7081

363.9386, 0.3719,
0.4386

■ 0.2690, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0950, 0.4006,
0.5201

■ 61.0950, 0.4006,
0.5201

■ 61.0957, 0.4006,
0.5201

■ 61.4620, 0.4005,
0.5150

■ 61.8951, 0.3982,
0.5060

■ 62.4179, 0.3933,
0.4926

■ 63.0421, 0.3859,
0.4750

■ 63.7777, 0.3762,
0.4538

■ 64.6334, 0.3648,
0.4301

■ 65.6169, 0.3522,
0.4048

■ 66.7354, 0.3391,
0.3790

■ 67.9955, 0.3257,
0.3535

Harmonies

Analogous

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



61.0950, 0.4832, 0.4552



61.0950, 0.4006, 0.5201



61.0950, 0.3022, 0.5266

Triad

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



61.0950, 0.4006, 0.5201



61.0950, 0.1370, 0.2210



61.0950, 0.4040, 0.2458

Complementary

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



61.0950, 0.4006, 0.5201



5.1971, 0.1533, 0.0618

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.



61.0950, 0.2907, 0.1986



61.0950, 0.4006, 0.5201



61.0950, 0.1533, 0.1809

Square

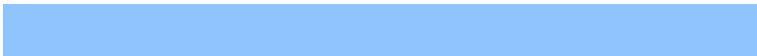
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0950, 0.4006, 0.5201



61.0950, 0.1545, 0.3085



61.0950, 0.2032, 0.1757



61.0950, 0.4979, 0.3091

Rectangle

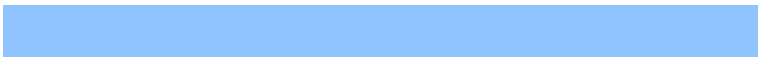
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0950, 0.4006, 0.5201



61.0950, 0.2392, 0.4750



61.0950, 0.2032, 0.1757



61.0950, 0.3655, 0.2277

Sweetspot

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



61.0978, 0.4006, 0.5201



94.5062, 0.3527, 0.4057



15.3204, 0.6330, 0.3355



20.0948, 0.3581, 0.4165



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.



61.0978, 0.4006, 0.5201



88.0011, 0.4004, 0.5203



51.6517, 0.3234, 0.5814



15.1900, 0.3251, 0.3522



37.0080, 0.4009, 0.5199



2.4181, 0.4041, 0.5174

Inverse Universe

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



5.1971, 0.1533, 0.0618



7.4541, 0.1529, 0.0616



9.7793, 0.2223, 0.0998



12.6830, 0.2997, 0.3049



3.1653, 0.1539, 0.0621



0.2279, 0.1639, 0.0676

Previews

White Background



This preview shows how the Yxy color 61.0950, 0.4006, 0.5201 looks on a white background.

Color Contrast Check

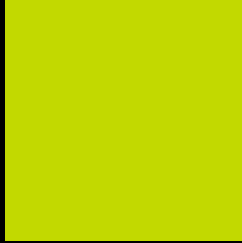
Large Text (above 18pt) WCAG AA × Fail

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 61.0950, 0.4006, 0.5201 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 61.0950, 0.4006, 0.5201

Background



This preview shows how black text looks on a background with the Yxy color 61.0950, 0.4006, 0.5201.



This preview shows how white text looks on a background with the Yxy color 61.0950, 0.4006, 0.5201.

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

61.0950, 0.4006, 0.5201

Protanopia

60.6516, 0.4409, 0.4881

Deuteranopia

60.7076, 0.4530, 0.4450



Tritanopia

61.0047, 0.3075, 0.3108

Trichromacy



Original Color

61.0950, 0.4006, 0.5201

Protanomaly

60.5064, 0.4268, 0.4993

Deuteranomaly

60.2099, 0.4376, 0.4756

Tritanomaly

59.3271, 0.3594, 0.4110

Monochromacy



Original Color

61.0950, 0.4006, 0.5201

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

51.9319, 0.3642, 0.4301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0950, 0.4006, 0.5201 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(194, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 0) }
```

Border

The CSS property to change the border of an element to Yxy 61.0950, 0.4006, 0.5201 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(194, 217, 0) }
```

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

```
.border{ border-color:rgb(194, 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(194, 217, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0950, 0.4006, 0.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 0) }
```

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

```
.background{ background-color: rgb(194,  
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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