

Converting Colors

Yxy(51.8876, 0.3925, 0.4533)

Have a look what the booklet for
Yxy(51.8876, 0.3925, 0.4533)
contains.

Yxy(51.9277, 0.3929, 0.4538)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9277, 0.3929, 0.4538)

Conversions

Conversions Part 1

Format	Color
Hex	C7C35B
RGB	199, 195, 91
RGB Percent	78%, 76%, 36%
CMY	0.2195, 0.2353, 0.6433
CMYK	0.00, 0.02, 0.54, 0.22
HSL	58°, 49%, 57%
HSV	58°, 54%, 78%
XYZ	44.9590, 51.9277, 17.5419
YIQ	184.3400, 35.7680, -31.4960

Conversions

Conversions Part 2

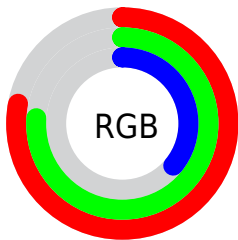
Format	Color
RYB	95, 199, 91
Decimal	13091675
CIELab	77.24, -12.31, 51.93
CIELCh	77, 53.366, 103.333
Yxy	51.9277, 0.3929, 0.4538
Android (android.graphics.Color)	4291281755 (0xFFC7C35B)
YUV	184.3400, -46.0166, 12.8568
Hunter-Lab	72.0609, -14.7398, 36.0095

Details

The Yxy color **51.9277, 0.3929, 0.4538** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **14.5275, 0.2100, 0.1630**, and the grayscale version is **48.3760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2680, 0.3792, 0.4332**, and **25.3256, 0.4084, 0.4845** is the 20% darker color. If you saturate the color by 10%, you get **51.3004, 0.4045, 0.4711**, and if you desaturate by 10%, it is **52.6526, 0.3795, 0.4334**.

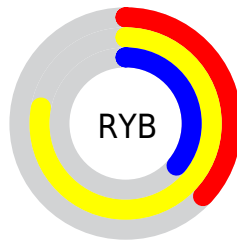
Distribution



Red (78%)

Green (76%)

Blue (36%)



Red (37%)

Yellow (78%)

Blue (36%)

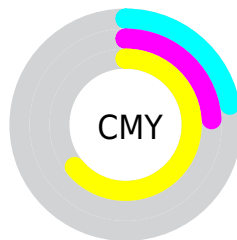


Cyan (0%)

Magenta (2%)

Yellow (54%)

Black (22%)



Cyan (22%)


Magenta (24%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9277, 0.3929, 0.4538 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 51.9277, 0.3929, 0.4538 by changing the saturation by 10% instead.


 51.9277, 0.3929,
0.4538


 51.9277, 0.3929,
0.4538


394.1574, 0.3567,
0.3934

 36.9474, 0.4002,
0.4675


 93.0246, 0.3809,
0.4327


 25.1668, 0.4084,
0.4841


 119.9100, 0.3761,
0.4245

 16.2014, 0.4171,
0.5041


 151.5327, 0.3718,
0.4175

 9.6668, 0.4253,
0.5279

 188.2769, 0.3681,
0.4113

 5.1786, 0.4364,
0.5636

230.5271, 0.3647,
0.4060

 2.3524, 0.4206,
0.5794

278.6676, 0.3617,

 0.8012, 0.3653,

0.4013

0.6347

333.0829, 0.3591,
0.3971

0.0000, 0.0000,
0.0000

51.9277, 0.3929,
0.4538

51.9277, 0.3929,
0.4538

51.3004, 0.4045,
0.4711

52.6526, 0.3795,
0.4334

50.7559, 0.4137,
0.4845

53.4743, 0.3648,
0.4108

50.2883, 0.4204,
0.4936

54.4012, 0.3495,
0.3870

49.8871, 0.4244,
0.4985

55.4389, 0.3341,
0.3628

49.6769, 0.4260,
0.5000

56.5924, 0.3190,
0.3390

■ 57.8665, 0.3046,
0.3161

■ 59.2657, 0.2910,
0.2945

■ 60.7943, 0.2785,
0.2744

■ 61.4466, 0.2757,
0.2704

Harmonies

Analogous

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



51.9277, 0.4414, 0.4152



51.9277, 0.3929, 0.4538



51.9277, 0.3260, 0.4569

Triad

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



51.9277, 0.3929, 0.4538



51.9277, 0.1886, 0.2691



51.9277, 0.3590, 0.2637

Complementary

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



51.9277, 0.3929, 0.4538



14.5275, 0.2100, 0.1630

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.



51.9277, 0.2859, 0.2316



51.9277, 0.3929, 0.4538



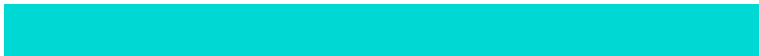
51.9277, 0.1950, 0.2305

Square

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



51.9277, 0.3929, 0.4538



51.9277, 0.2102, 0.3349



51.9277, 0.2281, 0.2192



51.9277, 0.4242, 0.3100

Rectangle

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



51.9277, 0.3929, 0.4538



51.9277, 0.2803, 0.4307



51.9277, 0.2281, 0.2192



51.9277, 0.3341, 0.2511

Sweetspot

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



51.9301, 0.3929, 0.4538



96.6812, 0.3371, 0.3675



20.4718, 0.4637, 0.3226



20.6108, 0.3403, 0.3725



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.



51.9301, 0.3929, 0.4538



89.6364, 0.4062, 0.4736



48.1315, 0.3481, 0.4792



12.3467, 0.3266, 0.3510



31.9664, 0.4259, 0.5001



1.5352, 0.4244, 0.5012

Inverse Universe

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



14.5275, 0.2100, 0.1630



17.6152, 0.1873, 0.1253



17.1399, 0.2531, 0.1749



10.3496, 0.2983, 0.3060



2.7832, 0.1508, 0.0627



0.1544, 0.1534, 0.0721

Previews

White Background



This preview shows how the Yxy color 51.9277, 0.3929, 0.4538 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 51.9277, 0.3929, 0.4538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

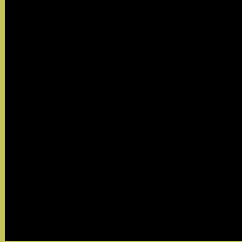
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9277, 0.3929, 0.4538

Background



This preview shows how black text looks on a background with the Yxy color 51.9277, 0.3929, 0.4538.



This preview shows how white text looks on a background with the Yxy color 51.9277, 0.3929, 0.4538.

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

51.9277, 0.3929, 0.4538

Protanopia

51.8487, 0.4068, 0.4455

Deuteranopia

51.9262, 0.4318, 0.4230



Tritanopia

51.6458, 0.3237, 0.3113

Trichromacy



Original Color

51.9277, 0.3929, 0.4538

Protanomaly

51.7029, 0.4025, 0.4483

Deuteranomaly

51.8606, 0.4174, 0.4341

Tritanomaly

51.1657, 0.3516, 0.3636

Monochromacy



Original Color

51.9277, 0.3929, 0.4538

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9873, 0.3436, 0.3785

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9277, 0.3929, 0.4538 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(199, 195, 91)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 91)  
}
```

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(199, 195, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 91) }
```

Border

The CSS property to change the border of an element to Yxy 51.9277, 0.3929, 0.4538 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(199, 195, 91) }
```

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

```
.border{ border-color:rgb(199, 195, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 91);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9277, 0.3929, 0.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 91) }
```

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

```
.background{ background-color: rgb(199,  
195, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor