

Converting Colors

Yxy(44.5188, 0.3878, 0.5303)

Have a look what the booklet for
Yxy(44.5188, 0.3878, 0.5303)
contains.

Yxy(44.4297, 0.3881, 0.5300)	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(44.4297, 0.3881, 0.5300)

Conversions

Conversions Part 1

Format	Color
Hex	9DBF00
RGB	157, 191, 0
RGB Percent	62%, 75%, 0%
CMY	0.3844, 0.2510, 0.9993
CMYK	0.18, 0.00, 1.00, 0.25
HSL	71°, 100%, 37%
HSV	71°, 100%, 75%
XYZ	32.5343, 44.4297, 6.8656
YIQ	159.0600, 41.0470, -66.6090

Conversions

Conversions Part 2

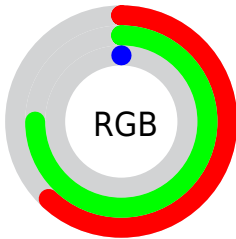
Format	Color
RYB	0, 191, 34
Decimal	10338048
CIELab	72.51, -31.77, 73.01
CIELCh	73, 79.620, 113.516
Yxy	44.4297, 0.3881, 0.5300
Android (android.graphics.Color)	4288528128 (0xFF9DBF00)
YUV	159.0600, -78.4166, -1.8066
Hunter-Lab	66.6556, -29.5223, 40.5519

Details

The Yxy color **44.4297, 0.3881, 0.5300** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **4.1093, 0.1580, 0.0645**, and the grayscale version is **35.0612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5627, 0.3815, 0.4957**, and **20.8863, 0.3725, 0.5424** is the 20% darker color. If you saturate the color by 10%, you get **44.4281, 0.3881, 0.5301**, and if you desaturate by 10%, it is **44.8266, 0.3890, 0.5232**.

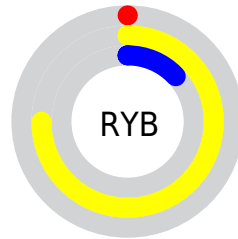
Distribution



Red (62%)

Green (75%)

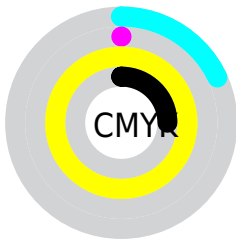
Blue (0%)



Red (0%)

Yellow (75%)

Blue (13%)

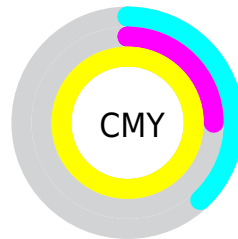


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (38%)


Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4297, 0.3881, 0.5300 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 44.4297, 0.3881, 0.5300 by changing the saturation by 10% instead.


 44.4297, 0.3881,
0.5300

 44.4297, 0.3881,
0.5300


364.4589, 0.3609,
0.4309

 31.0085, 0.3899,
0.5514


 81.8639, 0.3817,
0.4959


 20.6053, 0.3891,
0.5760


 106.6457, 0.3782,
0.4824


 12.8358, 0.3879,
0.6112


 135.9832, 0.3748,
0.4707

 7.3156, 0.3670,
0.6330

 170.2607, 0.3716,
0.4606

 3.6602, 0.3345,
0.6655

 209.8626, 0.3686,
0.4517

 1.4854, 0.2671,
0.7329

 255.1733, 0.3658,

 0.2784, 0.0000,

0.4439

1.0000

306.5773, 0.3632,
0.4370

■ 0.0000, 0.0000,
0.0000

■ 44.4297, 0.3881,
0.5300

■ 44.4297, 0.3881,
0.5300

■ 44.4281, 0.3881,
0.5301

■ 44.8266, 0.3890,
0.5232

■ 45.2779, 0.3878,
0.5126

■ 45.8024, 0.3841,
0.4974

■ 46.4084, 0.3778,
0.4782

■ 47.1034, 0.3695,
0.4557

■ 47.8937, 0.3594,
0.4310

■ 48.7850, 0.3482,
0.4050

■ 49.7826, 0.3364,
0.3789

■ 50.8914, 0.3244,
0.3533

Harmonies

Analogous

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



44.4297, 0.4761, 0.4671



44.4297, 0.3881, 0.5300



44.4297, 0.2875, 0.5249

Triad

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



44.4297, 0.3881, 0.5300



44.4297, 0.1344, 0.2104



44.4297, 0.4218, 0.2522

Complementary

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



44.4297, 0.3881, 0.5300



4.1093, 0.1580, 0.0645

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.



44.4297, 0.3050, 0.2015



44.4297, 0.3881, 0.5300



44.4297, 0.1553, 0.1756

Square

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



44.4297, 0.3881, 0.5300



44.4297, 0.1468, 0.2922



44.4297, 0.2110, 0.1746



44.4297, 0.5106, 0.3177

Rectangle

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



44.4297, 0.3881, 0.5300



44.4297, 0.2252, 0.4630



44.4297, 0.2110, 0.1746



44.4297, 0.3829, 0.2331

Sweetspot

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



44.4317, 0.3881, 0.5300



87.2714, 0.3489, 0.4065



12.1099, 0.6234, 0.3431



19.0104, 0.3537, 0.4177



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4317, 0.3881, 0.5300



79.4678, 0.3876, 0.5305



38.3479, 0.3171, 0.5864



11.0322, 0.3237, 0.3519



29.2269, 0.3885, 0.5297



1.1677, 0.3963, 0.5235

Inverse Universe

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



4.1093, 0.1580, 0.0645



7.2747, 0.1570, 0.0639



8.3085, 0.2383, 0.1087



9.3050, 0.3011, 0.3055



2.7216, 0.1588, 0.0649



0.1320, 0.1804, 0.0767

Previews

White Background



This preview shows how the Yxy color 44.4297, 0.3881, 0.5300 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 44.4297, 0.3881, 0.5300 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 44.4297, 0.3881, 0.5300

Background



This preview shows how black text looks on a background with the Yxy color 44.4297, 0.3881, 0.5300.



This preview shows how white text looks on a background with the Yxy color 44.4297, 0.3881, 0.5300.

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

44.4297, 0.3881, 0.5300

Protanopia

44.1201, 0.4402, 0.4887

Deuteranopia

43.9681, 0.4660, 0.4550



Tritanopia

44.5308, 0.2975, 0.3105

Trichromacy



Original Color

44.4297, 0.3881, 0.5300

Protanomaly

44.0573, 0.4203, 0.5045

Deuteranomaly

43.3880, 0.4391, 0.4825

Tritanomaly

43.4876, 0.3473, 0.4151

Monochromacy



Original Color

44.4297, 0.3881, 0.5300

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

37.3345, 0.3596, 0.4330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4297, 0.3881, 0.5300 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(157, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 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(157, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 0) }
```

Border

The CSS property to change the border of an element to Yxy 44.4297, 0.3881, 0.5300 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(157, 191, 0) }
```

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

```
.border{ border-color:rgb(157, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(157, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 191,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4297, 0.3881, 0.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 0) }
```

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

```
.background{ background-color: rgb(157,  
191, 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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