

Converting Colors

Yxy(52.4837, 0.3373, 0.4832)

Have a look what the booklet for
Yxy(52.4837, 0.3373, 0.4832)
contains.

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Color

Yxy(52.4837, 0.3373, 0.4832)

Conversions

Conversions Part 1

Format	Color
Hex	91D161
RGB	145, 209, 97
RGB Percent	57%, 82%, 38%
CMY	0.4313, 0.1804, 0.6198
CMYK	0.31, 0.00, 0.54, 0.18
HSL	94°, 55%, 60%
HSV	94°, 54%, 82%
XYZ	36.6365, 52.4837, 19.4967
YIQ	177.0960, -2.1920, -48.4000

Conversions

Conversions Part 2

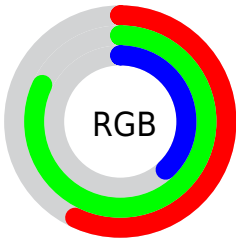
Format	Color
RYB	97, 209, 161
Decimal	9556321
CIELab	77.57, -39.43, 48.60
CIELCh	78, 62.584, 129.056
Yxy	52.4837, 0.3373, 0.4832
Android (android.graphics.Color)	4287746401 (0xFF91D161)
YUV	177.0960, -39.4873, -28.1482
Hunter-Lab	72.4456, -36.5106, 34.7557

Details

The Yxy color **52.4837, 0.3373, 0.4832** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **20.7145, 0.2675, 0.1819**, and the grayscale version is **44.2332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2786, 0.3383, 0.4449**, and **25.4743, 0.3366, 0.5278** is the 20% darker color. If you saturate the color by 10%, you get **51.1183, 0.3385, 0.5120**, and if you desaturate by 10%, it is **54.0702, 0.3345, 0.4526**.

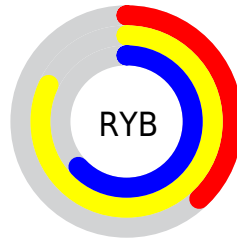
Distribution



Red (57%)

Green (82%)

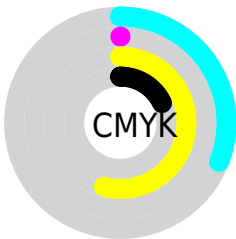
Blue (38%)



Red (38%)

Yellow (82%)

Blue (63%)

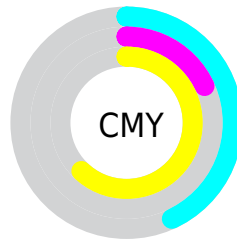


Cyan (31%)

Magenta (0%)

Yellow (54%)

Black (18%)



Cyan (43%)


Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4837, 0.3373, 0.4832 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 52.4837, 0.3373, 0.4832 by changing the saturation by 10% instead.


 52.4837, 0.3373,
0.4832


 52.4837, 0.3373,
0.4832


396.3011, 0.3293,
0.4039

 37.3908, 0.3376,
0.5030


 93.8442, 0.3356,
0.4542

 25.5102, 0.3370,
0.5281


 120.8806, 0.3346,
0.4434

 16.4576, 0.3343,
0.5605


 152.6669, 0.3336,
0.4342

 9.8485, 0.3269,
0.6032


 189.5875, 0.3326,
0.4264

 5.2986, 0.3191,
0.6809

232.0268, 0.3317,
0.4196

 2.4235, 0.2679,
0.7321

280.3693, 0.3309,

 0.8380, 0.0000,

0.4137

1.0000

334.9993, 0.3301,
0.4085

0.0000, 0.0000,
0.0000

52.4837, 0.3373,
0.4832

52.4837, 0.3373,
0.4832

51.1183, 0.3385,
0.5120

54.0702, 0.3345,
0.4526

49.9554, 0.3377,
0.5373

55.8818, 0.3305,
0.4218

48.9842, 0.3350,
0.5576

57.9305, 0.3256,
0.3919

48.1891, 0.3304,
0.5720

60.2256, 0.3203,
0.3638

47.7587, 0.3269,
0.5786

62.7758, 0.3147,
0.3378

■ 65.5894, 0.3092,
0.3142

■ 68.6741, 0.3038,
0.2930

■ 71.4337, 0.3045,
0.2827

■ 73.5972, 0.3130,
0.2838

Harmonies

Analogous

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



52.4837, 0.4127, 0.4677



52.4837, 0.3373, 0.4832



52.4837, 0.2595, 0.4367

Triad

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



52.4837, 0.3373, 0.4832



52.4837, 0.1759, 0.2196



52.4837, 0.4340, 0.2977

Complementary

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



52.4837, 0.3373, 0.4832



20.7145, 0.2675, 0.1819

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.



52.4837, 0.3536, 0.2479



52.4837, 0.3373, 0.4832



52.4837, 0.2084, 0.2040

Square

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



52.4837, 0.3373, 0.4832



52.4837, 0.1727, 0.2670



52.4837, 0.2700, 0.2148



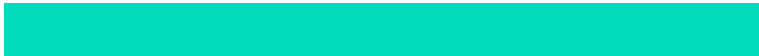
52.4837, 0.4764, 0.3563

Rectangle

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



52.4837, 0.3373, 0.4832



52.4837, 0.2170, 0.3786



52.4837, 0.2700, 0.2148



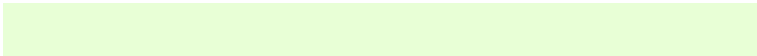
52.4837, 0.4098, 0.2797

Sweetspot

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



52.4860, 0.3373, 0.4832



93.4915, 0.3217, 0.3708



39.7150, 0.4210, 0.4069



19.8482, 0.3228, 0.3766



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.



52.4860, 0.3373, 0.4832



79.9512, 0.3385, 0.5150



49.1488, 0.3010, 0.4891



13.4507, 0.3180, 0.3526



29.5017, 0.3280, 0.5778



1.6959, 0.3426, 0.5662

Inverse Universe

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



20.7145, 0.2675, 0.1819



25.1521, 0.2548, 0.1531



26.3386, 0.3267, 0.2090



11.7460, 0.3070, 0.3056



5.3304, 0.2175, 0.0972



0.3444, 0.2360, 0.1074

Previews

White Background



This preview shows how the Yxy color 52.4837, 0.3373, 0.4832 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 52.4837, 0.3373, 0.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

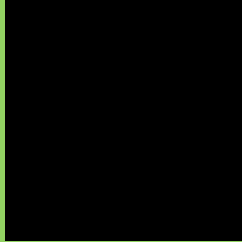
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4837, 0.3373, 0.4832

Background



This preview shows how black text looks on a background with the Yxy color 52.4837, 0.3373, 0.4832.



This preview shows how white text looks on a background with the Yxy color 52.4837, 0.3373, 0.4832.

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

52.4837, 0.3373, 0.4832

Protanopia

51.8658, 0.4062, 0.4446

Deuteranopia

51.7790, 0.4229, 0.4145



Tritanopia

52.3674, 0.2765, 0.3098

Trichromacy



Original Color

52.4837, 0.3373, 0.4832



Protanomaly

51.7433, 0.3792, 0.4599



Deuteranomaly

51.0564, 0.3900, 0.4397



Tritanomaly

51.7435, 0.3002, 0.3712

Monochromacy



Original Color

52.4837, 0.3373, 0.4832



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

46.5326, 0.3241, 0.3861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4837, 0.3373, 0.4832 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(145, 209, 97)` looks like.

```
.text, #text, p{  
    color:rgb(145, 209, 97)  
}
```

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(145, 209, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 209, 97) }
```

Border

The CSS property to change the border of an element to Yxy 52.4837, 0.3373, 0.4832 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(145, 209, 97) }
```

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

```
.border{ border-color:rgb(145, 209, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 209, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 209, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 209, 97);  
box-shadow:4px 4px 4px 4px rgb(145, 209,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4837, 0.3373, 0.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 209, 97) }
```

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

```
.background{ background-color: rgb(145,  
209, 97) }
```

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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