

Converting Colors

Yxy(53.3503, 0.3517, 0.4713)

Have a look what the booklet for
Yxy(53.3503, 0.3517, 0.4713)
contains.

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Color

Yxy(53.4190, 0.3519, 0.4715)

Conversions

Conversions Part 1

Format	Color
Hex	A4CF63
RGB	164, 207, 99
RGB Percent	64%, 81%, 39%
CMY	0.3570, 0.1882, 0.6118
CMYK	0.21, 0.00, 0.52, 0.19
HSL	84°, 53%, 60%
HSV	84°, 52%, 81%
XYZ	39.8688, 53.4190, 20.0080
YIQ	181.8310, 9.0400, -42.7040

Conversions

Conversions Part 2

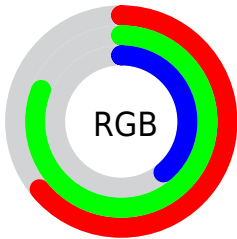
Format	Color
R_{YB}	99, 207, 142
Decimal	10800995
CIE _{Lab}	78.12, -31.41, 48.57
CIE _{LCh}	78, 57.846, 122.891
Yxy	53.4190, 0.3519, 0.4715
Android (android.graphics.Color)	4288991075 (0xFFA4CF63)
YUV	181.8310, -40.8357, -15.6378
Hunter-Lab	73.0883, -30.5349, 34.9311

Details

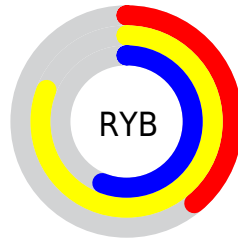
The Yxy color **53.4190, 0.3519, 0.4715** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **19.1784, 0.2503, 0.1786**, and the grayscale version is **46.9018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1592, 0.3500, 0.4380**, and **25.9129, 0.3560, 0.5111** is the 20% darker color. If you saturate the color by 10%, you get **52.2258, 0.3559, 0.4976**, and if you desaturate by 10%, it is **54.7753, 0.3461, 0.4435**.

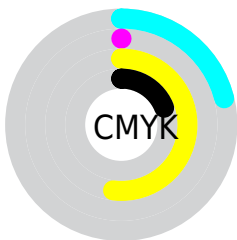
Distribution



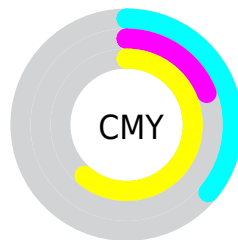
- Red (64%)
- Green (81%)
- Blue (39%)



- Red (39%)
- Yellow (81%)
- Blue (56%)



- Cyan (21%)
- Magenta (0%)
- Yellow (52%)
- Black (19%)





- Cyan (36%)
- Magenta (19%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4190, 0.3519, 0.4715 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 53.4190, 0.3519, 0.4715 by changing the saturation by 10% instead.


 53.4190, 0.3519,
0.4715

 53.4190, 0.3519,
0.4715


399.8906, 0.3363,
0.3994


 38.1374, 0.3542,
0.4891


 95.2206, 0.3473,
0.4455


 26.0893, 0.3562,
0.5112


 122.5094, 0.3453,
0.4356

 16.8905, 0.3570,
0.5395

 154.5694, 0.3434,
0.4273

 10.1564, 0.3548,
0.5761

 191.7849, 0.3417,
0.4201

 5.5028, 0.3561,
0.6439

234.5404, 0.3402,
0.4139

 2.5452, 0.3161,
0.6839

283.2202, 0.3388,

 0.8992, 0.0889,

0.4085

0.9111

338.2088, 0.3375,
0.4037

■ 0.0000, 0.0000,
0.0000

■ 53.4190, 0.3519,
0.4715

■ 53.4190, 0.3519,
0.4715

■ 52.2258, 0.3559,
0.4976

■ 54.7753, 0.3461,
0.4435

■ 51.1797, 0.3578,
0.5205

■ 56.2957, 0.3390,
0.4148

■ 50.2728, 0.3573,
0.5389

■ 57.9901, 0.3312,
0.3866

■ 49.4930, 0.3544,
0.5522

■ 59.8654, 0.3229,
0.3596

■ 48.9565, 0.3509,
0.5596

■ 61.9281, 0.3145,
0.3343

■ 64.1844, 0.3063,
0.3109

■ 66.6400, 0.2985,
0.2897

■ 68.6674, 0.2971,
0.2795

■ 70.0642, 0.3029,
0.2804

Harmonies

Analogous

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



53.4190, 0.4188, 0.4503



53.4190, 0.3519, 0.4715



53.4190, 0.2784, 0.4401

Triad

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



53.4190, 0.3519, 0.4715



53.4190, 0.1821, 0.2344



53.4190, 0.4110, 0.2900

Complementary

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



53.4190, 0.3519, 0.4715



19.1784, 0.2503, 0.1786

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.



53.4190, 0.3342, 0.2457



53.4190, 0.3519, 0.4715



53.4190, 0.2072, 0.2134

Square

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



53.4190, 0.3519, 0.4715



53.4190, 0.1852, 0.2857



53.4190, 0.2597, 0.2185



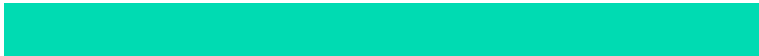
53.4190, 0.4593, 0.3442

Rectangle

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



53.4190, 0.3519, 0.4715



53.4190, 0.2356, 0.3918



53.4190, 0.2597, 0.2185



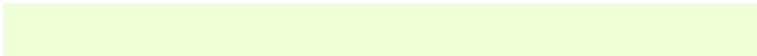
53.4190, 0.3870, 0.2737

Sweetspot

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



53.4214, 0.3519, 0.4715



94.6913, 0.3262, 0.3702



33.0387, 0.4318, 0.3812



20.1339, 0.3279, 0.3759



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.



53.4214, 0.3519, 0.4715



83.4094, 0.3564, 0.5015



48.9498, 0.3127, 0.4907



13.5529, 0.3206, 0.3524



30.8968, 0.3518, 0.5588



1.7730, 0.3641, 0.5491

Inverse Universe

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



19.1784, 0.2503, 0.1786



22.5936, 0.2325, 0.1449



24.9489, 0.3049, 0.1998



11.6442, 0.3043, 0.3054



4.0337, 0.1849, 0.0792



0.2711, 0.2059, 0.0908

Previews

White Background



This preview shows how the Yxy color 53.4190, 0.3519, 0.4715 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 53.4190, 0.3519, 0.4715 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 53.4190, 0.3519, 0.4715

Background



This preview shows how black text looks on a background with the Yxy color 53.4190, 0.3519, 0.4715.



This preview shows how white text looks on a background with the Yxy color 53.4190, 0.3519, 0.4715.

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

53.4190, 0.3519, 0.4715

Protanopia

53.0942, 0.4047, 0.4428

Deuteranopia

53.1338, 0.4235, 0.4145



Tritanopia

53.2671, 0.2898, 0.3103

Trichromacy



Original Color

53.4190, 0.3519, 0.4715

Protanomaly

52.8348, 0.3845, 0.4533

Deuteranomaly

52.3802, 0.3967, 0.4341

Tritanomaly

52.7478, 0.3141, 0.3670

Monochromacy



Original Color

53.4190, 0.3519, 0.4715

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.6426, 0.3292, 0.3815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4190, 0.3519, 0.4715 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(164, 207, 99)` looks like.

```
.text, #text, p{  
    color:rgb(164, 207, 99)  
}
```

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(164, 207, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 207, 99) }
```

Border

The CSS property to change the border of an element to Yxy 53.4190, 0.3519, 0.4715 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(164, 207, 99) }
```

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

```
.border{ border-color:rgb(164, 207, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 207, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 207, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 207, 99);  
box-shadow:4px 4px 4px 4px rgb(164, 207,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4190, 0.3519, 0.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 207, 99) }
```

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

```
.background{ background-color: rgb(164,  
207, 99) }
```

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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