

Converting Colors

Yxy(54.8383, 0.2676, 0.4250)

Have a look what the booklet for
Yxy(54.8383, 0.2676, 0.4250)
contains.

Yxy(54.6919, 0.2674, 0.4242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.6919, 0.2674, 0.4242)

Conversions

Conversions Part 1

Format	Color
Hex	4FDB9B
RGB	79, 219, 155
RGB Percent	31%, 86%, 61%
CMY	0.6901, 0.1412, 0.3920
CMYK	0.64, 0.00, 0.29, 0.14
HSL	153°, 66%, 58%
HSV	153°, 64%, 86%
XYZ	34.4758, 54.6919, 39.7619
YIQ	169.8440, -62.8960, -49.5840

Conversions

Conversions Part 2

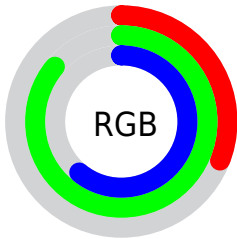
Format	Color
RYB	79, 170, 219
Decimal	5233563
CIELab	78.86, -52.31, 20.60
CIELCh	79, 56.221, 158.503
Yxy	54.6919, 0.2674, 0.4242
Android (android.graphics.Color)	4283423643 (0xFF4FDB9B)
YUV	169.8440, -7.3181, -79.6702
Hunter-Lab	73.9540, -46.2066, 19.8901

Details

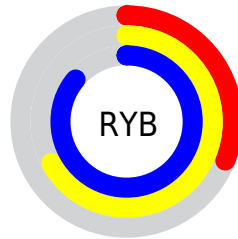
The Yxy color **54.6919, 0.2674, 0.4242** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **22.6393, 0.4200, 0.2572**, and the grayscale version is **40.1830, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8359, 0.2729, 0.3826**, and **27.1939, 0.2586, 0.4509** is the 20% darker color. If you saturate the color by 10%, you get **53.5817, 0.2652, 0.4422**, and if you desaturate by 10%, it is **56.1436, 0.2714, 0.4065**.

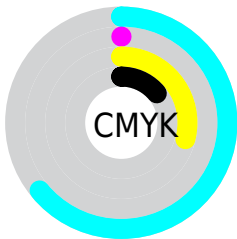
Distribution



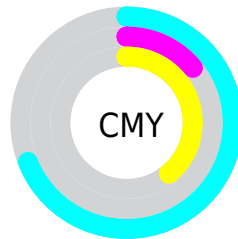
- Red (31%)
- Green (86%)
- Blue (61%)



- Red (31%)
- Yellow (67%)
- Blue (86%)



- Cyan (64%)
- Magenta (0%)
- Yellow (29%)
- Black (14%)





- Cyan (69%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6919, 0.2674, 0.4242 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 54.6919, 0.2674, 0.4242 by changing the saturation by 10% instead.

 54.6919, 0.2674,
0.4242


 54.6919, 0.2674,
0.4242


404.7430, 0.2908,
0.3750


 39.1551, 0.2614,
0.4369


 97.0894, 0.2760,
0.4060


 26.8804, 0.2535,
0.4534


 124.7189, 0.2792,
0.3993

 17.4834, 0.2429,
0.4758

 157.1480, 0.2819,
0.3936

 10.5798, 0.2279,
0.5076

 194.7613, 0.2842,
0.3888

 5.7850, 0.2051,
0.5559

237.9430, 0.2862,
0.3846

 2.7148, 0.1663,
0.6379

287.0776, 0.2879,

 0.9847, 0.0000,

0.3810

1.0000

342.5495, 0.2894,
0.3779

■ 0.0000, 0.0000,
0.0000

■ 54.6919, 0.2674,
0.4242

■ 54.6919, 0.2674,
0.4242

■ 53.5817, 0.2652,
0.4422

■ 56.1436, 0.2714,
0.4065

■ 52.7740, 0.2651,
0.4601

■ 57.9584, 0.2771,
0.3896


■ 52.2319, 0.2670,
0.4775


■ 60.1633, 0.2840,
0.3736


■ 51.9928, 0.2688,
0.4877


■ 62.7812, 0.2918,
0.3589

■ 65.8330, 0.3003,
0.3455

 69.3382, 0.3092,
0.3334

 73.3151, 0.3182,
0.3226

 77.7810, 0.3272,
0.3130

 78.5223, 0.3209,
0.3034

Harmonies

Analogous

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



54.6919, 0.3377, 0.4647



54.6919, 0.2674, 0.4242



54.6919, 0.2131, 0.3476

Triad

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



54.6919, 0.2674, 0.4242



54.6919, 0.2181, 0.2160



54.6919, 0.4579, 0.3546

Complementary

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



54.6919, 0.2674, 0.4242



22.6393, 0.4200, 0.2572

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.



54.6919, 0.4191, 0.3008



54.6919, 0.2674, 0.4242



54.6919, 0.2738, 0.2252

Square

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



54.6919, 0.2674, 0.4242



54.6919, 0.1885, 0.2316



54.6919, 0.3481, 0.2552



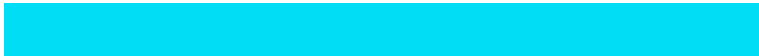
54.6919, 0.4507, 0.4091

Rectangle

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



54.6919, 0.2674, 0.4242



54.6919, 0.1920, 0.2973



54.6919, 0.3481, 0.2552



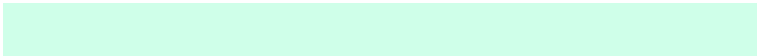
54.6919, 0.4499, 0.3362

Sweetspot

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



54.6941, 0.2674, 0.4242



90.5957, 0.2958, 0.3524



57.1887, 0.3423, 0.5110



19.1318, 0.2934, 0.3563



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.



54.6941, 0.2674, 0.4242



75.1653, 0.2650, 0.4490



55.0405, 0.2352, 0.3224



14.7239, 0.3043, 0.3399



30.8517, 0.2681, 0.4852



2.0160, 0.2604, 0.4574

Inverse Universe

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



22.6393, 0.4200, 0.2572



26.5025, 0.4569, 0.2514



21.9183, 0.5153, 0.3344



13.1500, 0.3220, 0.3184



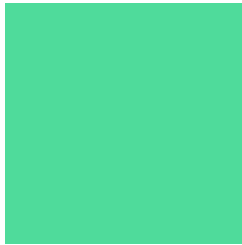
9.4980, 0.5131, 0.2600



0.6326, 0.4737, 0.2383

Previews

White Background



This preview shows how the Yxy color 54.6919, 0.2674, 0.4242 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 54.6919, 0.2674, 0.4242 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 54.6919, 0.2674, 0.4242

Background



This preview shows how black text looks on a background with the Yxy color 54.6919, 0.2674, 0.4242.

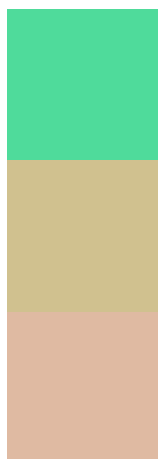


This preview shows how white text looks on a background with the Yxy color 54.6919, 0.2674, 0.4242.

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

54.6919, 0.2674, 0.4242

Protanopia

53.5330, 0.3646, 0.3900

Deuteranopia

53.4144, 0.3645, 0.3572



Tritanopia

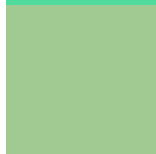
54.5823, 0.2392, 0.3064

Trichromacy



Original Color

54.6919, 0.2674, 0.4242



Protanomaly

51.9247, 0.3198, 0.4042



Deuteranomaly

51.5493, 0.3197, 0.3811



Tritanomaly

54.2384, 0.2488, 0.3455

Monochromacy



Original Color

54.6919, 0.2674, 0.4242



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

44.0014, 0.2892, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6919, 0.2674, 0.4242 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(79, 219, 155)` looks like.

```
.text, #text, p{  
    color:rgb(79, 219, 155)  
}
```

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(79, 219, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 219, 155) }
```

Border

The CSS property to change the border of an element to Yxy 54.6919, 0.2674, 0.4242 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(79, 219, 155) }
```

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

```
.border{ border-color:rgb(79, 219, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 219, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 219, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 219, 155);  
box-shadow:4px 4px 4px 4px rgb(79, 219,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6919, 0.2674, 0.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 219, 155) }
```

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

```
.background{ background-color: rgb(79, 219,  
155) }
```

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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