

Converting Colors

Yxy(54.2528, 0.2689, 0.4146)

Have a look what the booklet for
Yxy(54.2528, 0.2689, 0.4146)
contains.

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Color

Yxy(54.2528, 0.2689, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	59D99F
RGB	89, 217, 159
RGB Percent	35%, 85%, 62%
CMY	0.6511, 0.1490, 0.3765
CMYK	0.59, 0.00, 0.27, 0.15
HSL	153°, 63%, 60%
HSV	153°, 59%, 85%
XYZ	35.1871, 54.2528, 41.4158
YIQ	172.1160, -57.6700, -45.1740

Conversions

Conversions Part 2

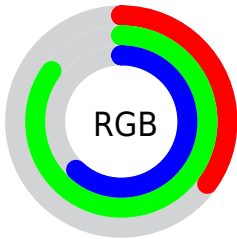
Format	Color
RYB	89, 172, 217
Decimal	5888415
CIELab	78.61, -48.78, 18.21
CIELCh	79, 52.065, 159.529
Yxy	54.2528, 0.2689, 0.4146
Android (android.graphics.Color)	4284078495 (0xFF59D99F)
YUV	172.1160, -6.4662, -72.8927
Hunter-Lab	73.6565, -43.6260, 18.2217

Details

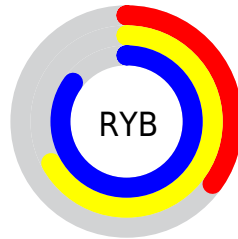
The Yxy color **54.2528, 0.2689, 0.4146** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **23.9964, 0.4084, 0.2617**, and the grayscale version is **41.3672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7646, 0.2747, 0.3771**, and **26.5513, 0.2559, 0.4412** is the 20% darker color. If you saturate the color by 10%, you get **53.0077, 0.2658, 0.4323**, and if you desaturate by 10%, it is **55.8457, 0.2738, 0.3974**.

Distribution



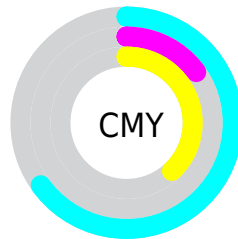
- Red (35%)
- Green (85%)
- Blue (62%)



- Red (35%)
- Yellow (67%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)




- Cyan (65%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2528, 0.2689, 0.4146 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 54.2528, 0.2689, 0.4146 by changing the saturation by 10% instead.


 54.2528, 0.2689,
0.4146

 54.2528, 0.2689,
0.4146


403.0733, 0.2913,
0.3706


 38.8038, 0.2632,
0.4259


 96.4453, 0.2772,
0.3983

 26.6071, 0.2557,
0.4407


 123.9576, 0.2802,
0.3923

 17.2784, 0.2457,
0.4607

 156.2599, 0.2828,
0.3872

 10.4332, 0.2316,
0.4890

 193.7364, 0.2850,
0.3829

 5.6871, 0.2102,
0.5321

236.7716, 0.2869,
0.3792

 2.6558, 0.1747,
0.6045

285.7499, 0.2886,

 0.9548, 0.0000,

0.3759

1.0000

341.0556, 0.2900,
0.3731

■ 0.0000, 0.0000,
0.0000

■ 54.2528, 0.2689,
0.4146

■ 54.2528, 0.2689,
0.4146

■ 53.0077, 0.2658,
0.4323

■ 55.8457, 0.2738,
0.3974

■ 52.0746, 0.2646,
0.4502

■ 57.8056, 0.2801,
0.3811

■ 51.4209, 0.2655,
0.4677

■ 60.1581, 0.2876,
0.3659

■ 50.9921, 0.2681,
0.4846

■ 62.9245, 0.2958,
0.3519

■ 50.9547, 0.2684,
0.4862

■ 66.1245, 0.3046,
0.3393

■ 69.7766, 0.3136,
0.3279

■ 73.8981, 0.3227,
0.3178

■ 77.0425, 0.3262,
0.3086

■ 77.6351, 0.3195,
0.2991

Harmonies

Analogous

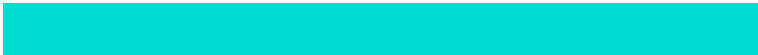
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.2528, 0.3345, 0.4538



54.2528, 0.2689, 0.4146



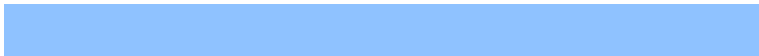
54.2528, 0.2185, 0.3442

Triad

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



54.2528, 0.2689, 0.4146



54.2528, 0.2256, 0.2229



54.2528, 0.4482, 0.3558

Complementary

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



54.2528, 0.2689, 0.4146



23.9964, 0.4084, 0.2617

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.



54.2528, 0.4134, 0.3047



54.2528, 0.2689, 0.4146



54.2528, 0.2789, 0.2321

Square

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



54.2528, 0.2689, 0.4146



54.2528, 0.1966, 0.2372



54.2528, 0.3483, 0.2611



54.2528, 0.4407, 0.4067

Rectangle

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



54.2528, 0.2689, 0.4146



54.2528, 0.1990, 0.2980



54.2528, 0.3483, 0.2611



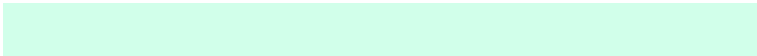
54.2528, 0.4412, 0.3384

Sweetspot

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



54.2550, 0.2689, 0.4146



91.0422, 0.2966, 0.3508



56.7135, 0.3417, 0.4975



19.2193, 0.2941, 0.3547



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.



54.2550, 0.2689, 0.4146



75.9901, 0.2653, 0.4370



54.5899, 0.2388, 0.3230



14.7248, 0.3042, 0.3398



30.8642, 0.2677, 0.4838



2.0168, 0.2601, 0.4562

Inverse Universe

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



23.9964, 0.4084, 0.2617



28.5502, 0.4414, 0.2536



23.3420, 0.4919, 0.3343



13.1491, 0.3221, 0.3185



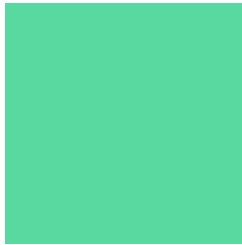
9.4880, 0.5147, 0.2609



0.6319, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 54.2528, 0.2689, 0.4146 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 54.2528, 0.2689, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

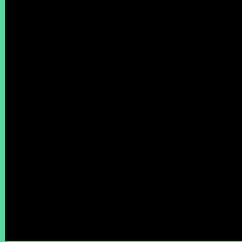
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2528, 0.2689, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 54.2528, 0.2689, 0.4146.



This preview shows how white text looks on a background with the Yxy color 54.2528, 0.2689, 0.4146.

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

54.2528, 0.2689, 0.4146

Protanopia

53.3999, 0.3589, 0.3843

Deuteranopia

53.2431, 0.3593, 0.3526



Tritanopia

53.8630, 0.2422, 0.3063

Trichromacy



Original Color

54.2528, 0.2689, 0.4146



Protanomaly

52.2946, 0.3179, 0.3968



Deuteranomaly

51.4611, 0.3185, 0.3741



Tritanomaly

53.6304, 0.2512, 0.3427

Monochromacy



Original Color

54.2528, 0.2689, 0.4146



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

44.5072, 0.2916, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2528, 0.2689, 0.4146 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(89, 217, 159)` looks like.

```
.text, #text, p{  
    color:rgb(89, 217, 159)  
}
```

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(89, 217, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 217, 159) }
```

Border

The CSS property to change the border of an element to Yxy 54.2528, 0.2689, 0.4146 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(89, 217, 159) }
```

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

```
.border{ border-color:rgb(89, 217, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 217, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 217, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 217, 159);  
box-shadow:4px 4px 4px 4px rgb(89, 217,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2528, 0.2689, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 217, 159) }
```

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

```
.background{ background-color: rgb(89, 217,  
159) }
```

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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