

Converting Colors

$Yxy(53.1860, 0.2925, 0.4006)$

Have a look what the booklet for
Yxy(53.1860, 0.2925, 0.4006)
contains.

Yxy(53.1379, 0.2929, 0.4010)	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(53.1379, 0.2929, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	86D19E
RGB	134, 209, 158
RGB Percent	53%, 82%, 62%
CMY	0.4742, 0.1804, 0.3804
CMYK	0.36, 0.00, 0.24, 0.18
HSL	139°, 45%, 67%
HSV	139°, 36%, 82%
XYZ	38.8132, 53.1379, 40.5624
YIQ	180.7610, -28.3290, -31.7610

Conversions

Conversions Part 2

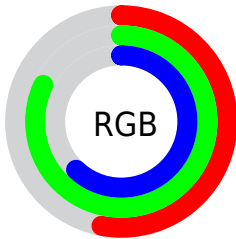
Format	Color
RYB	134, 191, 209
Decimal	8835486
CIELab	77.96, -34.03, 18.09
CIELCh	78, 38.540, 152.013
Yxy	53.1379, 0.2929, 0.4010
Android (android.graphics.Color)	4287025566 (0xFF86D19E)
YUV	180.7610, -11.2212, -41.0094
Hunter-Lab	72.8957, -32.5256, 18.0355

Details

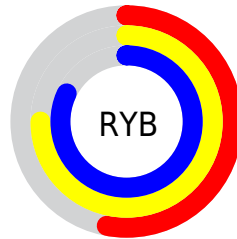
The Yxy color **53.1379, 0.2929, 0.4010** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1311, 0.3407, 0.2668**, and the grayscale version is **46.1560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1429, 0.2963, 0.3755**, and **25.9011, 0.2870, 0.4235** is the 20% darker color. If you saturate the color by 10%, you get **51.1261, 0.2885, 0.4256**, and if you desaturate by 10%, it is **55.5502, 0.2980, 0.3782**.

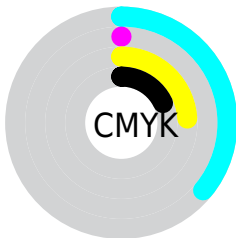
Distribution



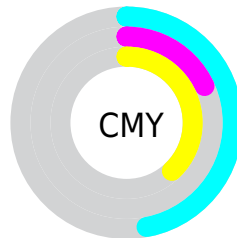
- Red (53%)
- Green (82%)
- Blue (62%)



- Red (53%)
- Yellow (75%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (47%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1379, 0.2929, 0.4010 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 53.1379, 0.2929, 0.4010 by changing the saturation by 10% instead.


 53.1379, 0.2929,
0.4010


 53.1379, 0.2929,
0.4010


398.8140, 0.3034,
0.3641


 37.9129, 0.2901,
0.4105


 94.8073, 0.2969,
0.3874

 25.9151, 0.2864,
0.4227


 122.0204, 0.2983,
0.3824

 16.7601, 0.2812,
0.4393


 153.9983, 0.2995,
0.3781

 10.0636, 0.2737,
0.4628

191.1254, 0.3005,
0.3745

 5.4412, 0.2617,
0.4987

233.7862, 0.3014,
0.3714

 2.5084, 0.2402,
0.5591

282.3649, 0.3022,

 0.8808, 0.0072,

0.3687

0.9928

337.2460, 0.3028,
0.3663

0.0000, 0.0000,
0.0000

53.1379, 0.2929,
0.4010

53.1379, 0.2929,
0.4010

51.1261, 0.2885,
0.4256

55.5502, 0.2980,
0.3782

49.4862, 0.2850,
0.4515

58.3766, 0.3036,
0.3574

48.1961, 0.2830,
0.4779


61.6383, 0.3093,
0.3389

47.2287, 0.2825,
0.5036

65.3529, 0.3151,
0.3224


46.5526, 0.2837,
0.5275

69.5370, 0.3207,
0.3080

 46.1291, 0.2865,
0.5484

 73.3483, 0.3229,
0.2950

 45.9988, 0.2878,
0.5562

 74.0764, 0.3148,
0.2841

Harmonies

Analogous

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



53.1379, 0.3437, 0.4224



53.1379, 0.2929, 0.4010



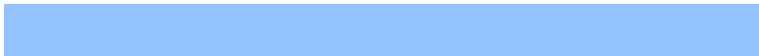
53.1379, 0.2497, 0.3545

Triad

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



53.1379, 0.2929, 0.4010



53.1379, 0.2385, 0.2485



53.1379, 0.4100, 0.3417

Complementary

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



53.1379, 0.2929, 0.4010



34.1311, 0.3407, 0.2668

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.



53.1379, 0.3771, 0.3021



53.1379, 0.2929, 0.4010



53.1379, 0.2760, 0.2505

Square

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



53.1379, 0.2929, 0.4010



53.1379, 0.2205, 0.2661



53.1379, 0.3267, 0.2698



53.1379, 0.4135, 0.3816

Rectangle

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



53.1379, 0.2929, 0.4010



53.1379, 0.2304, 0.3198



53.1379, 0.3267, 0.2698



53.1379, 0.4019, 0.3281

Sweetspot

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



53.1401, 0.2929, 0.4010



93.8937, 0.3063, 0.3484



57.6675, 0.3467, 0.4238



19.9489, 0.3055, 0.3510



0.0000, 0.0000, 0.0000



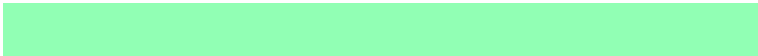
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1401, 0.2929, 0.4010



80.8823, 0.2894, 0.4197



54.6229, 0.2704, 0.3474



13.2676, 0.3073, 0.3452



28.3803, 0.2871, 0.5536



1.6012, 0.2765, 0.5156

Inverse Universe

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



34.1311, 0.3407, 0.2668



46.7837, 0.3488, 0.2536



32.7580, 0.3822, 0.3118



11.9421, 0.3186, 0.3133



9.5849, 0.4212, 0.2094



0.5500, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 53.1379, 0.2929, 0.4010 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 53.1379, 0.2929, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

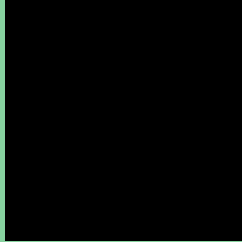
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1379, 0.2929, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 53.1379, 0.2929, 0.4010.

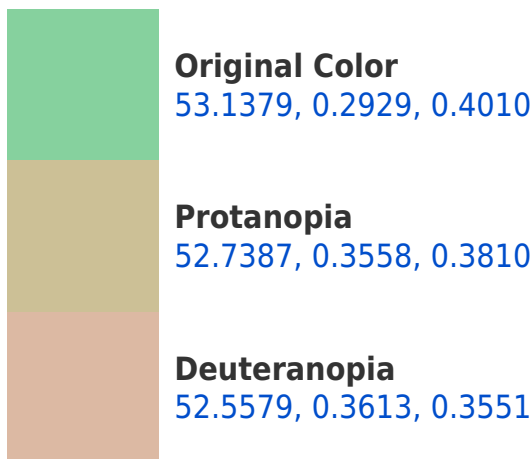


This preview shows how white text looks on a background with the Yxy color 53.1379, 0.2929, 0.4010.

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





Tritanopia

52.8940, 0.2637, 0.3082

Trichromacy



Original Color

53.1379, 0.2929, 0.4010



Protanomaly

52.2718, 0.3307, 0.3881



Deuteranomaly

51.9756, 0.3337, 0.3713



Tritanomaly

52.9220, 0.2741, 0.3396

Monochromacy



Original Color

53.1379, 0.2929, 0.4010



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.1712, 0.3044, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1379, 0.2929, 0.4010 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(134, 209, 158)` looks like.

```
.text, #text, p{  
    color:rgb(134, 209, 158)  
}
```

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(134, 209, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 209, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.1379, 0.2929, 0.4010 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(134, 209, 158) }
```

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

```
.border{ border-color:rgb(134, 209, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 209, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 209, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 209, 158);  
box-shadow:4px 4px 4px 4px rgb(134, 209,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1379, 0.2929, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 209, 158) }
```

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

```
.background{ background-color: rgb(134,  
209, 158) }
```

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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