

Converting Colors

$Yxy(53.2722, 0.3129, 0.4310)$

Have a look what the booklet for
Yxy(53.2722, 0.3129, 0.4310)
contains.

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Color

Yxy(53.2181, 0.3128, 0.4315)

Conversions

Conversions Part 1

Format	Color
Hex	8FD188
RGB	143, 209, 136
RGB Percent	56%, 82%, 53%
CMY	0.4390, 0.1804, 0.4666
CMYK	0.32, 0.00, 0.35, 0.18
HSL	114°, 44%, 68%
HSV	114°, 35%, 82%
XYZ	38.5785, 53.2181, 31.5362
YIQ	180.9440, -15.9030, -36.6950

Conversions

Conversions Part 2

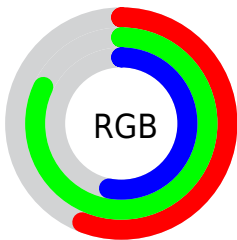
Format	Color
RYB	136, 209, 202
Decimal	9425288
CIELab	78.00, -34.99, 29.75
CIELCh	78, 45.924, 139.625
Yxy	53.2181, 0.3128, 0.4315
Android (android.graphics.Color)	4287615368 (0xFF8FD188)
YUV	180.9440, -22.1574, -33.2769
Hunter-Lab	72.9507, -33.2677, 25.4348

Details

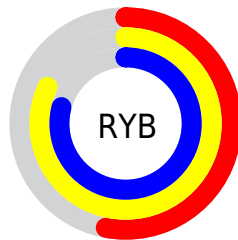
The Yxy color **53.2181, 0.3128, 0.4315** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7675, 0.3099, 0.2413**, and the grayscale version is **46.3115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3798, 0.3148, 0.4009**, and **25.9407, 0.3107, 0.4629** is the 20% darker color. If you saturate the color by 10%, you get **51.1361, 0.3121, 0.4662**, and if you desaturate by 10%, it is **55.7043, 0.3131, 0.3985**.

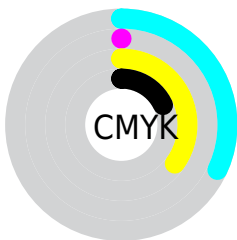
Distribution



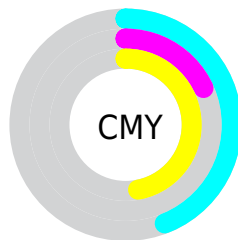
- Red (56%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (79%)



- Cyan (32%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)





- Cyan (44%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2181, 0.3128, 0.4315 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 53.2181, 0.3128, 0.4315 by changing the saturation by 10% instead.


 53.2181, 0.3128,
0.4315


 53.2181, 0.3128,
0.4315


399.1213, 0.3144,
0.3787


 37.9769, 0.3118,
0.4450


 94.9252, 0.3138,
0.4120

 25.9648, 0.3103,
0.4626


 122.1599, 0.3140,
0.4048

 16.7973, 0.3076,
0.4861


 154.1613, 0.3142,
0.3987

 10.0901, 0.3027,
0.5192

191.3137, 0.3143,
0.3935

 5.4587, 0.2929,
0.5681

234.0015, 0.3143,
0.3891

 2.5188, 0.2882,
0.6872

282.6091, 0.3144,

 0.8860, 0.0000,

0.3852

1.0000

337.5209, 0.3144,
0.3817

0.0000, 0.0000,
0.0000

53.2181, 0.3128,
0.4315

53.2181, 0.3128,
0.4315

51.1361, 0.3121,
0.4662

55.7043, 0.3131,
0.3985

49.4305, 0.3110,
0.5009

58.6073, 0.3131,
0.3683

48.0807, 0.3094,
0.5334

61.9476, 0.3129,
0.3412

47.0614, 0.3074,
0.5612

65.7422, 0.3125,
0.3173

46.3438, 0.3051,
0.5819

70.0072, 0.3120,
0.2964

■ 45.8939, 0.3029,
0.5944

■ 74.0787, 0.3148,
0.2841

■ 45.7488, 0.3020,
0.5984

Harmonies

Analogous

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



53.2181, 0.3719, 0.4396



53.2181, 0.3128, 0.4315



53.2181, 0.2567, 0.3850

Triad

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



53.2181, 0.3128, 0.4315



53.2181, 0.2143, 0.2398



53.2181, 0.4163, 0.3231

Complementary

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



53.2181, 0.3128, 0.4315



34.7675, 0.3099, 0.2413

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.



53.2181, 0.3657, 0.2802



53.2181, 0.3128, 0.4315



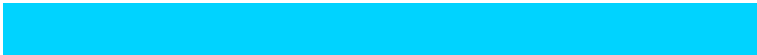
53.2181, 0.2486, 0.2338

Square

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



53.2181, 0.3128, 0.4315



53.2181, 0.2036, 0.2693



53.2181, 0.3028, 0.2485



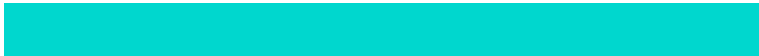
53.2181, 0.4353, 0.3703

Rectangle

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



53.2181, 0.3128, 0.4315



53.2181, 0.2283, 0.3428



53.2181, 0.3028, 0.2485



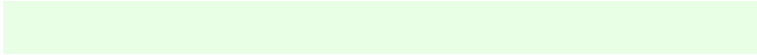
53.2181, 0.4022, 0.3079

Sweetspot

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



53.2204, 0.3128, 0.4315



94.3536, 0.3130, 0.3548



57.4318, 0.3676, 0.4077



20.0381, 0.3131, 0.3587



0.0000, 0.0000, 0.0000



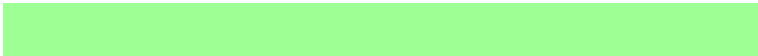
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2204, 0.3128, 0.4315



80.9460, 0.3123, 0.4576



53.5584, 0.2897, 0.3902



13.2599, 0.3130, 0.3529



28.2282, 0.3024, 0.5981



1.5974, 0.3097, 0.5923

Inverse Universe

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



34.7675, 0.3099, 0.2413



47.7240, 0.3089, 0.2228



34.4545, 0.3459, 0.2752



11.9488, 0.3123, 0.3060



9.5223, 0.2970, 0.1410



0.5496, 0.3016, 0.1435

Previews

White Background



This preview shows how the Yxy color 53.2181, 0.3128, 0.4315 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 53.2181, 0.3128, 0.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

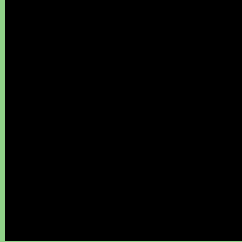
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2181, 0.3128, 0.4315

Background



This preview shows how black text looks on a background with the Yxy color 53.2181, 0.3128, 0.4315.



This preview shows how white text looks on a background with the Yxy color 53.2181, 0.3128, 0.4315.

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

53.2181, 0.3128, 0.4315

Protanopia

52.6941, 0.3759, 0.4057

Deuteranopia

52.5649, 0.3859, 0.3777



Tritanopia

52.9212, 0.2716, 0.3085

Trichromacy



Original Color

53.2181, 0.3128, 0.4315



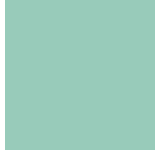
Protanomaly

52.2445, 0.3503, 0.4148



Deuteranomaly

51.7691, 0.3563, 0.3961



Tritanomaly

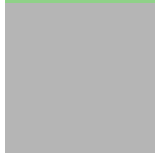
52.9324, 0.2868, 0.3517

Monochromacy



Original Color

53.2181, 0.3128, 0.4315



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.1937, 0.3127, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2181, 0.3128, 0.4315 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(143, 209, 136)` looks like.

```
.text, #text, p{  
    color:rgb(143, 209, 136)  
}
```

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(143, 209, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 209, 136) }
```

Border

The CSS property to change the border of an element to Yxy 53.2181, 0.3128, 0.4315 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(143, 209, 136) }
```

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

```
.border{ border-color:rgb(143, 209, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 209, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 209, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 209, 136);  
box-shadow:4px 4px 4px 4px rgb(143, 209,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2181, 0.3128, 0.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 209, 136) }
```

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

```
.background{ background-color: rgb(143,  
209, 136) }
```

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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