

Converting Colors

$Yxy(53.2297, 0.2963, 0.3838)$

Have a look what the booklet for
Yxy(53.2297, 0.2963, 0.3838)
contains.

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Color

Yxy(53.0988, 0.2965, 0.3841)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 93CEA6 |
| RGB | 147, 206, 166 |
| RGB Percent | 58%, 81%, 65% |
| CMY | 0.4234, 0.1922, 0.3491 |
| CMYK | 0.29, 0.00, 0.19, 0.19 |
| HSL | 139°, 38%, 69% |
| HSV | 139°, 29%, 81% |
| XYZ | 40.9888, 53.0988, 44.1545 |
| YIQ | 183.7990, -22.3240, -24.9480 |

Conversions

Conversions Part 2

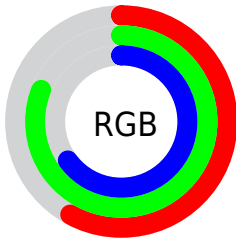
| Format | Color |
|-------------------------------------|---|
| RYB | 147, 192, 206 |
| Decimal | 9686694 |
| CIELab | 77.93, -27.13, 13.92 |
| CIELCh | 78, 30.490, 152.841 |
| Yxy | 53.0988, 0.2965, 0.3841 |
| Android (android.graphics.Color) | 4287876774 (0xFF93CEA6) |
| YUV | 183.7990, -8.7749, -32.2727 |
| Hunter-Lab | 72.8689, -27.1143, 15.0818 |

Details

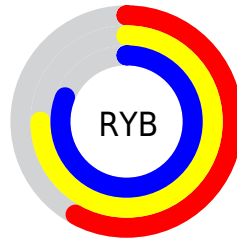
The Yxy color **53.0988, 0.2965, 0.3841** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.5881, 0.3339, 0.2797**, and the grayscale version is **47.8778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2970, 0.2996, 0.3656**, and **25.7810, 0.2918, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **50.8782, 0.2915, 0.4074**, and if you desaturate by 10%, it is **55.7207, 0.3020, 0.3628**.

Distribution



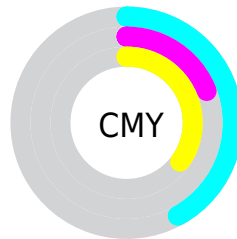
- Red (58%)
- Green (81%)
- Blue (65%)



- Red (58%)
- Yellow (75%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)




- Cyan (42%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0988, 0.2965, 0.3841 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 53.0988, 0.2965, 0.3841 by changing the saturation by 10% instead.

 53.0988, 0.2965,
0.3841

 53.0988, 0.2965,
0.3841

398.6641, 0.3049,
0.3561

 37.8816, 0.2943,
0.3912


 94.7497, 0.2996,
0.3738

 25.8908, 0.2914,
0.4004


 121.9523, 0.3008,
0.3700

 16.7420, 0.2875,
0.4127


153.9188, 0.3018,
0.3668

 10.0507, 0.2818,
0.4302

191.0336, 0.3026,
0.3640

 5.4326, 0.2729,
0.4566

233.6812, 0.3033,
0.3617

 2.5032, 0.2574,
0.5011

282.2458, 0.3039,

 0.8783, 0.1642,

0.3596

0.8358

337.1120, 0.3045,
0.3578

0.0000, 0.0000,
0.0000

53.0988, 0.2965,
0.3841

53.0988, 0.2965,
0.3841

50.8782, 0.2915,
0.4074

55.7207, 0.3020,
0.3628

49.0321, 0.2873,
0.4323

58.7557, 0.3077,
0.3438

47.5412, 0.2842,
0.4583


62.2233, 0.3135,
0.3268

46.3812, 0.2825,
0.4845

66.1401, 0.3192,
0.3119


45.5250, 0.2825,
0.5098


70.5213, 0.3247,
0.2988

 44.9409, 0.2842,
0.5330

 72.2963, 0.3185,
0.2859

 44.5800, 0.2872,
0.5531

 72.6229, 0.3150,
0.2811

 44.5387, 0.2877,
0.5556

Harmonies

Analogous

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



53.0988, 0.3371, 0.4019



53.0988, 0.2965, 0.3841



53.0988, 0.2618, 0.3483

Triad

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



53.0988, 0.2965, 0.3841



53.0988, 0.2538, 0.2641



53.0988, 0.3898, 0.3412

Complementary

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



53.0988, 0.2965, 0.3841



37.5881, 0.3339, 0.2797

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.



53.0988, 0.3646, 0.3086



53.0988, 0.2965, 0.3841



53.0988, 0.2848, 0.2657

Square

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



53.0988, 0.2965, 0.3841



53.0988, 0.2385, 0.2787



53.0988, 0.3253, 0.2818



53.0988, 0.3925, 0.3731

Rectangle

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



53.0988, 0.2965, 0.3841



53.0988, 0.2462, 0.3214



53.0988, 0.3253, 0.2818



53.0988, 0.3837, 0.3301

Sweetspot

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



53.1010, 0.2965, 0.3841



94.9413, 0.3074, 0.3446



56.8564, 0.3402, 0.4037



20.1581, 0.3066, 0.3473



0.0000, 0.0000, 0.0000



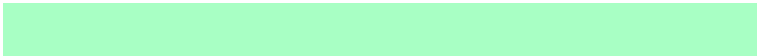
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1010, 0.2965, 0.3841



83.8707, 0.2935, 0.3974



54.2973, 0.2780, 0.3433



12.5954, 0.3073, 0.3451



27.4411, 0.2869, 0.5529



1.4295, 0.2756, 0.5121

Inverse Universe

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



37.5881, 0.3339, 0.2797



54.9298, 0.3394, 0.2695



36.4612, 0.3637, 0.3154



11.3400, 0.3186, 0.3134



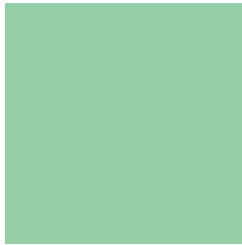
9.2607, 0.4217, 0.2097



0.4912, 0.3973, 0.1963

Previews

White Background



This preview shows how the Yxy color 53.0988, 0.2965, 0.3841 looks on a white background.

Color Contrast Check

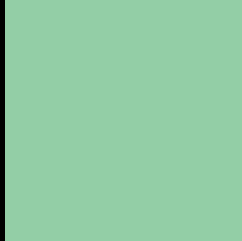
Large Text (above 18pt) WCAG AA × Fail

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 53.0988, 0.2965, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

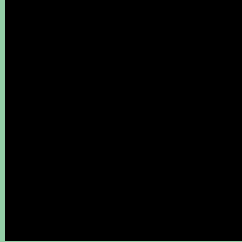
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0988, 0.2965, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 53.0988, 0.2965, 0.3841.

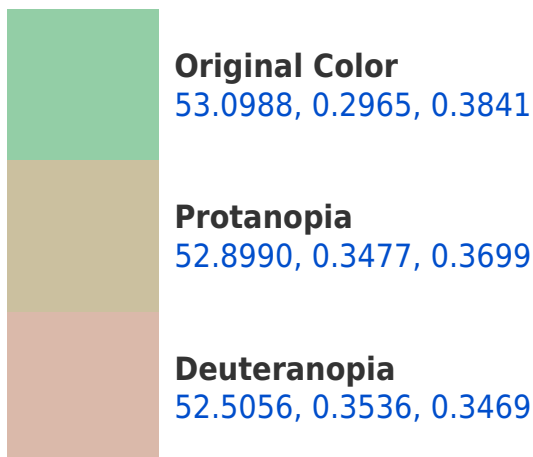


This preview shows how white text looks on a background with the Yxy color 53.0988, 0.2965, 0.3841.

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

52.9212, 0.2716, 0.3085

Trichromacy



Original Color

53.0988, 0.2965, 0.3841

Protanomaly

52.6084, 0.3274, 0.3743

Deuteranomaly

52.2110, 0.3302, 0.3594

Tritanomaly

53.0446, 0.2804, 0.3355

Monochromacy



Original Color

53.0988, 0.2965, 0.3841

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.5315, 0.3070, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0988, 0.2965, 0.3841 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(147, 206, 166)` looks like.

```
.text, #text, p{  
    color:rgb(147, 206, 166)  
}
```

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(147, 206, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 206, 166) }
```

Border

The CSS property to change the border of an element to Yxy 53.0988, 0.2965, 0.3841 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(147, 206, 166) }
```

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

```
.border{ border-color:rgb(147, 206, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 206, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 206, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 206, 166); box-shadow:4px 4px 4px 4px rgb(147, 206, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0988, 0.2965, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 206, 166) }
```

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

```
.background{ background-color: rgb(147,  
206, 166) }
```

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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