

Converting Colors

$Yxy(52.9453, 0.2816, 0.3680)$

Have a look what the booklet for
Yxy(52.9453, 0.2816, 0.3680)
contains.

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Color

Yxy(53.0742, 0.2816, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	88CFB2
RGB	136, 207, 178
RGB Percent	53%, 81%, 70%
CMY	0.4670, 0.1882, 0.3020
CMYK	0.34, 0.00, 0.14, 0.19
HSL	156°, 43%, 67%
HSV	156°, 34%, 81%
XYZ	40.4923, 53.0742, 50.2271
YIQ	182.4650, -33.0070, -24.0710

Conversions

Conversions Part 2

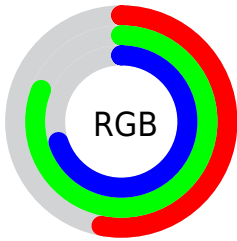
Format	Color
RYB	136, 181, 207
Decimal	8966066
CIELab	77.92, -28.60, 7.40
CIELCh	78, 29.538, 165.501
Yxy	53.0742, 0.2816, 0.3691
Android (android.graphics.Color)	4287156146 (0xFF88CFB2)
YUV	182.4650, -2.2012, -40.7498
Hunter-Lab	72.8520, -28.2781, 10.1196

Details

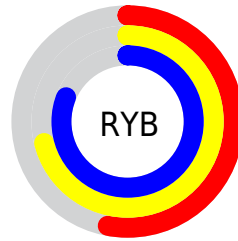
The Yxy color **53.0742, 0.2816, 0.3691** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5696, 0.3600, 0.2925**, and the grayscale version is **47.0638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5369, 0.2864, 0.3517**, and **25.7761, 0.2733, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **51.1793, 0.2743, 0.3832**, and if you desaturate by 10%, it is **55.3290, 0.2900, 0.3560**.

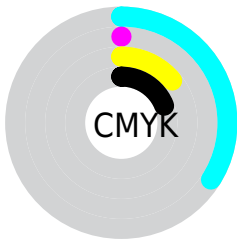
Distribution



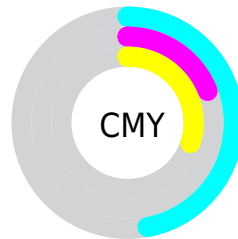
- Red (53%)
- Green (81%)
- Blue (70%)



- Red (53%)
- Yellow (71%)
- Blue (81%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)




- Cyan (47%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0742, 0.2816, 0.3691 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 53.0742, 0.2816, 0.3691 by changing the saturation by 10% instead.

 53.0742, 0.2816,
0.3691

 53.0742, 0.2816,
0.3691

398.5697, 0.2971,
0.3490


 37.8620, 0.2778,
0.3742


 94.7135, 0.2872,
0.3618

 25.8756, 0.2729,
0.3807

 121.9095, 0.2893,
0.3590

 16.7306, 0.2664,
0.3894

 153.8688, 0.2911,
0.3567

 10.0426, 0.2574,
0.4016

190.9759, 0.2926,
0.3547

 5.4272, 0.2442,
0.4199

233.6151, 0.2939,
0.3530

 2.5000, 0.2228,
0.4503

282.1709, 0.2951,

 0.8767, 0.0932,

0.3515

0.6049

337.0276, 0.2961,
0.3501

0.0000, 0.0000,
0.0000

53.0742, 0.2816,
0.3691

53.0742, 0.2816,
0.3691

51.1793, 0.2743,
0.3832

55.3290, 0.2900,
0.3560

49.6181, 0.2682,
0.3981

57.9554, 0.2990,
0.3441

48.3711, 0.2639,
0.4137

60.9725, 0.3085,
0.3333

47.4139, 0.2614,
0.4297

64.3960, 0.3182,
0.3237

46.7183, 0.2609,
0.4456

68.2410, 0.3279,
0.3151

■ 46.2503, 0.2624,
0.4612

■ 71.5347, 0.3336,
0.3073

■ 46.0521, 0.2638,
0.4698

■ 72.0175, 0.3274,
0.2990

■ 72.5236, 0.3214,
0.2909

■ 73.0534, 0.3156,
0.2830

Harmonies

Analogous

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



53.0742, 0.3198, 0.3949



53.0742, 0.2816, 0.3691



53.0742, 0.2529, 0.3312

Triad

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



53.0742, 0.2816, 0.3691



53.0742, 0.2667, 0.2648



53.0742, 0.3914, 0.3545

Complementary

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



53.0742, 0.2816, 0.3691



33.5696, 0.3600, 0.2925

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.



53.0742, 0.3756, 0.3223



53.0742, 0.2816, 0.3691



53.0742, 0.3017, 0.2726

Square

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



53.0742, 0.2816, 0.3691



53.0742, 0.2449, 0.2723



53.0742, 0.3419, 0.2931



53.0742, 0.3843, 0.3829

Rectangle

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



53.0742, 0.2816, 0.3691



53.0742, 0.2423, 0.3064



53.0742, 0.3419, 0.2931



53.0742, 0.3886, 0.3438

Sweetspot

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



53.0764, 0.2816, 0.3691



94.8280, 0.3030, 0.3394



54.4677, 0.3301, 0.4242



20.1528, 0.3017, 0.3410



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.



53.0764, 0.2816, 0.3691



82.8165, 0.2762, 0.3791



51.5506, 0.2634, 0.3209



13.3220, 0.3037, 0.3387



29.0285, 0.2633, 0.4677



1.6386, 0.2554, 0.4394

Inverse Universe

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



33.5696, 0.3600, 0.2925



47.0726, 0.3743, 0.2848



34.3444, 0.3906, 0.3368



11.8871, 0.3227, 0.3195



8.7838, 0.5328, 0.2709



0.5067, 0.4848, 0.2445

Previews

White Background



This preview shows how the Yxy color 53.0742, 0.2816, 0.3691 looks on a white background.

Color Contrast Check

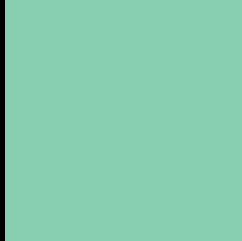
Large Text (above 18pt) WCAG AA × Fail

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 53.0742, 0.2816, 0.3691 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

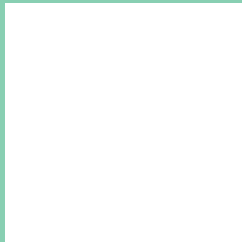
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0742, 0.2816, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 53.0742, 0.2816, 0.3691.



This preview shows how white text looks on a background with the Yxy color 53.0742, 0.2816, 0.3691.

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

53.0742, 0.2816, 0.3691

Protanopia

52.4432, 0.3366, 0.3551

Deuteranopia

52.4130, 0.3391, 0.3315



Tritanopia

52.8550, 0.2626, 0.3069

Trichromacy



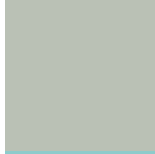
Original Color

53.0742, 0.2816, 0.3691



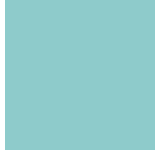
Protanomaly

52.2967, 0.3144, 0.3603



Deuteranomaly

51.9152, 0.3160, 0.3443



Tritanomaly

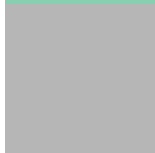
52.7745, 0.2698, 0.3289

Monochromacy



Original Color

53.0742, 0.2816, 0.3691



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.5971, 0.2993, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0742, 0.2816, 0.3691 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(136, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(136, 207, 178)  
}
```

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(136, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 207, 178) }
```

Border

The CSS property to change the border of an element to Yxy 53.0742, 0.2816, 0.3691 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(136, 207, 178) }
```

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

```
.border{ border-color:rgb(136, 207, 178) }
```

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

Here you see how a box with a 4 pixel rgb(136, 207, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(136, 207,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0742, 0.2816, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 207, 178) }
```

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

```
.background{ background-color: rgb(136,  
207, 178) }
```

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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