

Converting Colors

$Yxy(53.3722, 0.2940, 0.3591)$

Have a look what the booklet for
Yxy(53.3722, 0.2940, 0.3591)
contains.

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Color

Yxy(53.2162, 0.2936, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	9DCBB5
RGB	157, 203, 181
RGB Percent	62%, 80%, 71%
CMY	0.3842, 0.2039, 0.2901
CMYK	0.23, 0.00, 0.11, 0.20
HSL	151°, 31%, 71%
HSV	151°, 23%, 80%
XYZ	43.6067, 53.2162, 51.7013
YIQ	186.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

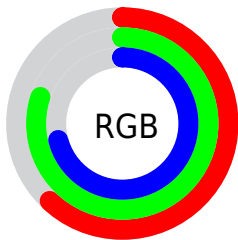
Format	Color
RYB	157, 187, 203
Decimal	10341301
CIELab	78.00, -19.55, 6.04
CIElCh	78, 20.462, 162.824
Yxy	53.2162, 0.2936, 0.3583
Android (android.graphics.Color)	4288531381 (0xFF9DCBB5)
YUV	186.7380, -2.8288, -26.0802
Hunter-Lab	72.9494, -20.9603, 9.0442

Details

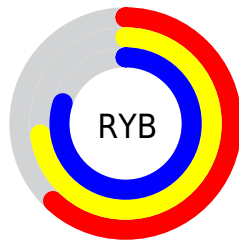
The Yxy color **53.2162, 0.2936, 0.3583** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0742, 0.3372, 0.3015**, and the grayscale version is **49.5683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6315, 0.2967, 0.3477**, and **26.0567, 0.2887, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **50.9583, 0.2859, 0.3735**, and if you desaturate by 10%, it is **55.8456, 0.3019, 0.3445**.

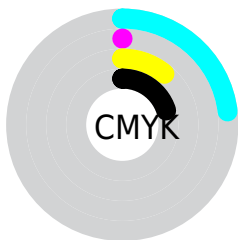
Distribution



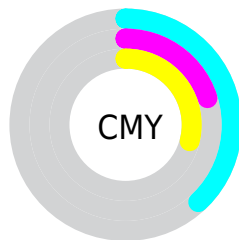
- Red (62%)
- Green (80%)
- Blue (71%)



- Red (62%)
- Yellow (73%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (38%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2162, 0.2936, 0.3583 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 53.2162, 0.2936, 0.3583 by changing the saturation by 10% instead.


 53.2162, 0.2936,
0.3583


 53.2162, 0.2936,
0.3583

399.1140, 0.3031,
0.3437

 37.9754, 0.2913,
0.3619


 94.9224, 0.2970,
0.3530

 25.9636, 0.2882,
0.3666

 122.1566, 0.2983,
0.3510

 16.7964, 0.2843,
0.3729


154.1574, 0.2994,
0.3493

 10.0894, 0.2787,
0.3816

191.3092, 0.3004,
0.3479

 5.4583, 0.2706,
0.3945

233.9964, 0.3012,
0.3466

 2.5186, 0.2573,
0.4159

282.6033, 0.3019,

 0.8859, 0.2035,

0.3455

0.4941

337.5144, 0.3025,
0.3445

0.0000, 0.0000,
0.0000

53.2162, 0.2936,
0.3583

53.2162, 0.2936,
0.3583

50.9583, 0.2859,
0.3735

55.8456, 0.3019,
0.3445

49.0478, 0.2791,
0.3900

58.8558, 0.3104,
0.3321

47.4683, 0.2735,
0.4075

62.2643, 0.3191,
0.3210

46.1992, 0.2694,
0.4259

66.0854, 0.3277,
0.3112

45.2174, 0.2671,
0.4447

69.6577, 0.3334,
0.3023

■ 44.4968, 0.2668,
0.4634

■ 70.2167, 0.3263,
0.2929

■ 44.0058, 0.2685,
0.4815

■ 70.8066, 0.3193,
0.2837

■ 43.7502, 0.2706,
0.4943

■ 71.1903, 0.3151,
0.2782

Harmonies

Analogous

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



53.2162, 0.3206, 0.3746



53.2162, 0.2936, 0.3583



53.2162, 0.2723, 0.3334

Triad

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



53.2162, 0.2936, 0.3583



53.2162, 0.2788, 0.2837



53.2162, 0.3666, 0.3458

Complementary

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



53.2162, 0.2936, 0.3583



40.0742, 0.3372, 0.3015

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.



53.2162, 0.3544, 0.3228



53.2162, 0.2936, 0.3583



53.2162, 0.3029, 0.2880

Square

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



53.2162, 0.2936, 0.3583



53.2162, 0.2641, 0.2906



53.2162, 0.3308, 0.3021



53.2162, 0.3634, 0.3658

Rectangle

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



53.2162, 0.2936, 0.3583



53.2162, 0.2639, 0.3162



53.2162, 0.3308, 0.3021



53.2162, 0.3641, 0.3382

Sweetspot

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



53.2184, 0.2936, 0.3583



96.2329, 0.3066, 0.3374



54.7587, 0.3271, 0.3886



20.5316, 0.3061, 0.3382



0.0000, 0.0000, 0.0000



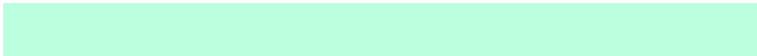
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2184, 0.2936, 0.3583



87.2566, 0.2899, 0.3653



53.8319, 0.2794, 0.3279



12.6332, 0.3046, 0.3403



27.8619, 0.2700, 0.4919



1.4527, 0.2604, 0.4573

Inverse Universe

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



40.0742, 0.3372, 0.3015



61.5587, 0.3438, 0.2955



39.5149, 0.3585, 0.3301



11.3015, 0.3216, 0.3180



8.6479, 0.5035, 0.2547



0.4614, 0.4585, 0.2300

Previews

White Background



This preview shows how the Yxy color 53.2162, 0.2936, 0.3583 looks on a white background.

Color Contrast Check

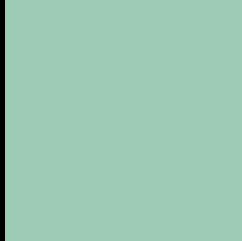
Large Text (above 18pt) WCAG AA × Fail

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 53.2162, 0.2936, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

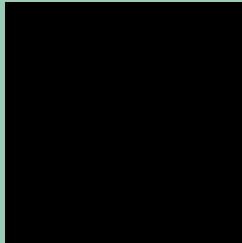
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

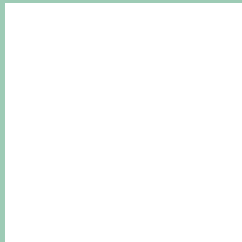
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2162, 0.2936, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 53.2162, 0.2936, 0.3583.



This preview shows how white text looks on a background with the Yxy color 53.2162, 0.2936, 0.3583.

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

53.2162, 0.2936, 0.3583

Protanopia

53.0738, 0.3324, 0.3500

Deuteranopia

52.9167, 0.3373, 0.3303



Tritanopia

53.0297, 0.2761, 0.3086

Trichromacy



Original Color

53.2162, 0.2936, 0.3583

Protanomaly

52.8445, 0.3172, 0.3533

Deuteranomaly

52.4974, 0.3196, 0.3390

Tritanomaly

53.1499, 0.2825, 0.3263

Monochromacy



Original Color

53.2162, 0.2936, 0.3583

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8728, 0.3051, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2162, 0.2936, 0.3583 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(157, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(157, 203, 181)  
}
```

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(157, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 203, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.2162, 0.2936, 0.3583 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(157, 203, 181) }
```

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

```
.border{ border-color:rgb(157, 203, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 203, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(157, 203,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2162, 0.2936, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 203, 181) }
```

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

```
.background{ background-color: rgb(157,  
203, 181) }
```

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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