

Converting Colors

$Y_{xy}(53.0525, 0.2822, 0.3351)$

Have a look what the booklet for
Yxy(53.0525, 0.2822, 0.3351)
contains.

Yxy(53.3402, 0.2824, 0.3355)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.3402, 0.2824, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	9CCAC5
RGB	156, 202, 197
RGB Percent	61%, 79%, 77%
CMY	0.3885, 0.2078, 0.2275
CMYK	0.23, 0.00, 0.02, 0.21
HSL	173°, 30%, 70%
HSV	173°, 23%, 79%
XYZ	44.8980, 53.3402, 60.7490
YIQ	187.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

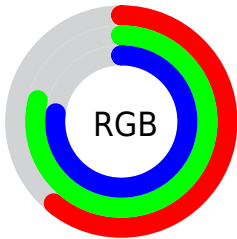
Format	Color
RYB	156, 180, 202
Decimal	10275525
CIELab	78.08, -16.09, -2.45
CIELCh	78, 16.280, 188.652
Yxy	53.3402, 0.2824, 0.3355
Android (android.graphics.Color)	4288465605 (0xFF9CCAC5)
YUV	187.6760, 4.5967, -27.7799
Hunter-Lab	73.0344, -18.0770, 1.8074

Details

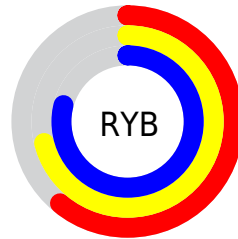
The Yxy color **53.3402, 0.2824, 0.3355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.8845, 0.3541, 0.3227**, and the grayscale version is **50.0740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5246, 0.2871, 0.3300**, and **26.1060, 0.2751, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **51.3927, 0.2706, 0.3387**, and if you desaturate by 10%, it is **55.6287, 0.2952, 0.3325**.

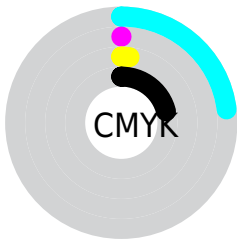
Distribution



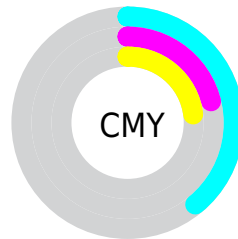
- Red (61%)
- Green (79%)
- Blue (77%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)




- Cyan (39%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3402, 0.2824, 0.3355 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 53.3402, 0.2824, 0.3355 by changing the saturation by 10% instead.


 53.3402, 0.2824,
0.3355

 53.3402, 0.2824,
0.3355


399.5890, 0.2971,
0.3324

 38.0744, 0.2788,
0.3362


 95.1048, 0.2877,
0.3344

 26.0405, 0.2743,
0.3371


 122.3724, 0.2897,
0.3340

 16.8539, 0.2685,
0.3382

154.4094, 0.2914,
0.3337

 10.1304, 0.2605,
0.3397

191.6001, 0.2928,
0.3334

 5.4855, 0.2490,
0.3417

234.3291, 0.2941,
0.3331

 2.5348, 0.2312,
0.3446

282.9806, 0.2952,

 0.8940, 0.1822,

0.3328

0.3566

337.9391, 0.2962,
0.3326

0.0000, 0.0000,
0.0000

53.3402, 0.2824,
0.3355

53.3402, 0.2824,
0.3355

51.3927, 0.2706,
0.3387

55.6287, 0.2952,
0.3325

49.7630, 0.2602,
0.3422

58.2670, 0.3088,
0.3297

48.4354, 0.2514,
0.3458

61.2717, 0.3229,
0.3272

47.3901, 0.2443,
0.3495

64.6567, 0.3372,
0.3250

46.6049, 0.2392,
0.3532

68.0648, 0.3500,
0.3230

■ 46.0544, 0.2359,
0.3570

■ 68.1740, 0.3482,
0.3207

■ 45.7080, 0.2345,
0.3607

■ 68.2847, 0.3465,
0.3185

■ 45.5456, 0.2343,
0.3634

■ 68.3969, 0.3448,
0.3162

■ 68.5106, 0.3431,
0.3140

Harmonies

Analogous

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



53.3402, 0.3005, 0.3544



53.3402, 0.2824, 0.3355



53.3402, 0.2725, 0.3154

Triad

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



53.3402, 0.2824, 0.3355



53.3402, 0.3021, 0.2951



53.3402, 0.3541, 0.3566

Complementary

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



53.3402, 0.2824, 0.3355



38.8845, 0.3541, 0.3227

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.



53.3402, 0.3547, 0.3402



53.3402, 0.2824, 0.3355



53.3402, 0.3241, 0.3055

Square

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



53.3402, 0.2824, 0.3355



53.3402, 0.2835, 0.2929



53.3402, 0.3436, 0.3217



53.3402, 0.3420, 0.3664

Rectangle

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



53.3402, 0.2824, 0.3355



53.3402, 0.2715, 0.3044



53.3402, 0.3436, 0.3217



53.3402, 0.3557, 0.3517

Sweetspot

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



53.3424, 0.2824, 0.3355



96.6457, 0.3029, 0.3309



52.2574, 0.3139, 0.3916



20.6273, 0.3021, 0.3311



0.0000, 0.0000, 0.0000



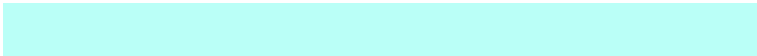
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3424, 0.2824, 0.3355



88.7239, 0.2769, 0.3370



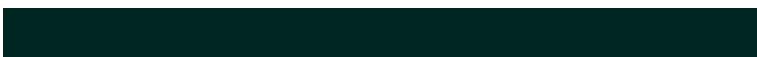
45.7537, 0.2774, 0.3053



12.7052, 0.2998, 0.3315



29.3096, 0.2341, 0.3629



1.5182, 0.2321, 0.3556

Inverse Universe

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



38.8845, 0.3541, 0.3227



60.3206, 0.3651, 0.3213



45.0742, 0.3542, 0.3515



11.2332, 0.3273, 0.3265



8.1239, 0.6259, 0.3221



0.4260, 0.5874, 0.3009

Previews

White Background



This preview shows how the Yxy color 53.3402, 0.2824, 0.3355 looks on a white background.

Color Contrast Check

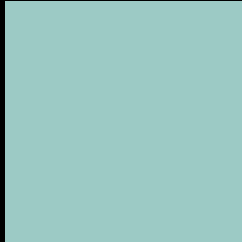
Large Text (above 18pt) WCAG AA × Fail

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 53.3402, 0.2824, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

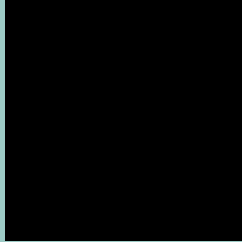
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

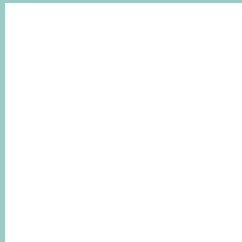
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3402, 0.2824, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 53.3402, 0.2824, 0.3355.

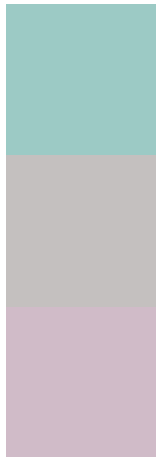


This preview shows how white text looks on a background with the Yxy color 53.3402, 0.2824, 0.3355.

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

53.3402, 0.2824, 0.3355

Protanopia

53.1966, 0.3167, 0.3302

Deuteranopia

53.1207, 0.3201, 0.3136



Tritanopia

53.2267, 0.2736, 0.3086

Trichromacy



Original Color

53.3402, 0.2824, 0.3355

Protanomaly

53.1539, 0.3031, 0.3328

Deuteranomaly

52.6416, 0.3051, 0.3203

Tritanomaly

53.2335, 0.2773, 0.3186

Monochromacy



Original Color

53.3402, 0.2824, 0.3355

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1316, 0.3007, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3402, 0.2824, 0.3355 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(156, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(156, 202, 197)  
}
```

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(156, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 202, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.3402, 0.2824, 0.3355 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(156, 202, 197) }
```

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

```
.border{ border-color:rgb(156, 202, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(156, 202,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3402, 0.2824, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 202, 197) }
```

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

```
.background{ background-color: rgb(156,  
202, 197) }
```

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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