

Converting Colors

$Yxy(52.8360, 0.2733, 0.3368)$

Have a look what the booklet for
Yxy(52.8360, 0.2733, 0.3368)
contains.

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Color

Yxy(53.0137, 0.2729, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	8ECCC6
RGB	142, 204, 198
RGB Percent	56%, 80%, 78%
CMY	0.4431, 0.2000, 0.2235
CMYK	0.30, 0.00, 0.03, 0.20
HSL	174°, 38%, 68%
HSV	174°, 30%, 80%
XYZ	42.9428, 53.0137, 61.4008
YIQ	184.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

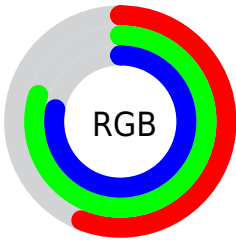
Format	Color
RYB	142, 175, 204
Decimal	9358534
CIELab	77.88, -21.00, -3.37
CIELCh	78, 21.270, 189.109
Yxy	53.0137, 0.2729, 0.3369
Android (android.graphics.Color)	4287548614 (0xFF8ECCC6)
YUV	184.7780, 6.5184, -37.5163
Hunter-Lab	72.8105, -22.1411, 0.9683

Details

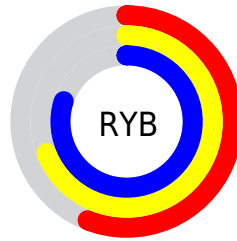
The Yxy color **53.0137, 0.2729, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.3243, 0.3739, 0.3214**, and the grayscale version is **48.3658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.9502, 0.2627, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **51.2829, 0.2620, 0.3399**, and if you desaturate by 10%, it is **55.0802, 0.2851, 0.3341**.

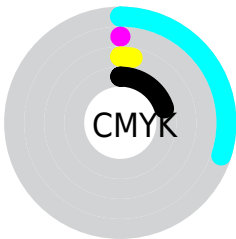
Distribution



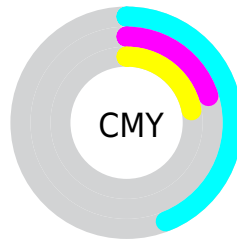
- Red (56%)
- Green (80%)
- Blue (78%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0137, 0.2729, 0.3369 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 53.0137, 0.2729, 0.3369 by changing the saturation by 10% instead.


 53.0137, 0.2729,
0.3369


 53.0137, 0.2729,
0.3369


398.3377, 0.2922,
0.3332

 37.8137, 0.2683,
0.3377


 94.6245, 0.2798,
0.3356

 25.8381, 0.2624,
0.3387

 121.8042, 0.2824,
0.3351

 16.7026, 0.2547,
0.3400


153.7458, 0.2847,
0.3347

 10.0227, 0.2444,
0.3417

190.8338, 0.2866,
0.3343

 5.4140, 0.2296,
0.3438

233.4526, 0.2883,
0.3340

 2.4922, 0.2068,
0.3467

281.9866, 0.2897,

 0.8727, 0.1324,

0.3337

0.3648

336.8201, 0.2911,
0.3335

0.0000, 0.0000,
0.0000

53.0137, 0.2729,
0.3369

53.0137, 0.2729,
0.3369

51.2829, 0.2620,
0.3399

55.0802, 0.2851,
0.3341

49.8634, 0.2527,
0.3430

57.4925, 0.2983,
0.3315

48.7375, 0.2451,
0.3463


60.2685, 0.3122,
0.3291

47.8831, 0.2394,
0.3496


63.4228, 0.3265,
0.3269


47.2753, 0.2356,
0.3529

66.9690, 0.3410,
0.3250


 46.8841, 0.2337,
0.3562

 69.0918, 0.3482,
0.3231

 46.6593, 0.2332,
0.3593

 69.1905, 0.3467,
0.3211

 69.2906, 0.3452,
0.3191

 69.3918, 0.3436,
0.3171

Harmonies

Analogous

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



53.0137, 0.2961, 0.3623



53.0137, 0.2729, 0.3369



53.0137, 0.2604, 0.3104

Triad

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



53.0137, 0.2729, 0.3369



53.0137, 0.2990, 0.2853



53.0137, 0.3668, 0.3650

Complementary

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



53.0137, 0.2729, 0.3369



34.3243, 0.3739, 0.3214

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.



53.0137, 0.3681, 0.3435



53.0137, 0.2729, 0.3369



53.0137, 0.3279, 0.2988

Square

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



53.0137, 0.2729, 0.3369



53.0137, 0.2749, 0.2821



53.0137, 0.3536, 0.3196



53.0137, 0.3505, 0.3781

Rectangle

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



53.0137, 0.2729, 0.3369



53.0137, 0.2594, 0.2962



53.0137, 0.3536, 0.3196



53.0137, 0.3690, 0.3584

Sweetspot

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



53.0158, 0.2729, 0.3369



95.7621, 0.3000, 0.3312



51.4552, 0.3132, 0.4161



20.3606, 0.2980, 0.3315



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.



53.0158, 0.2729, 0.3369



85.9893, 0.2661, 0.3387



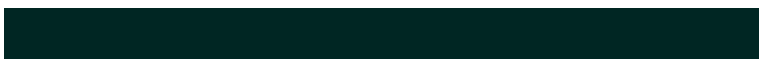
42.4335, 0.2655, 0.2948



12.7076, 0.2996, 0.3312



29.3750, 0.2330, 0.3589



1.5210, 0.2312, 0.3525

Inverse Universe

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



34.3243, 0.3739, 0.3214



50.5068, 0.3916, 0.3199



42.3573, 0.3711, 0.3608



11.2310, 0.3275, 0.3268



8.1175, 0.6279, 0.3233



0.4249, 0.5928, 0.3039

Previews

White Background



This preview shows how the Yxy color 53.0137, 0.2729, 0.3369 looks on a white background.

Color Contrast Check

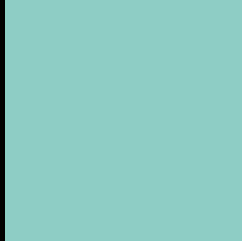
Large Text (above 18pt) WCAG AA × Fail

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 53.0137, 0.2729, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

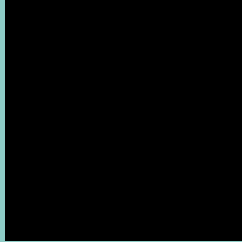
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

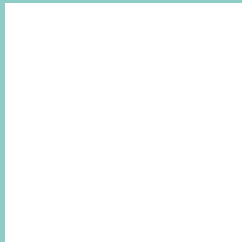
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0137, 0.2729, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 53.0137, 0.2729, 0.3369.

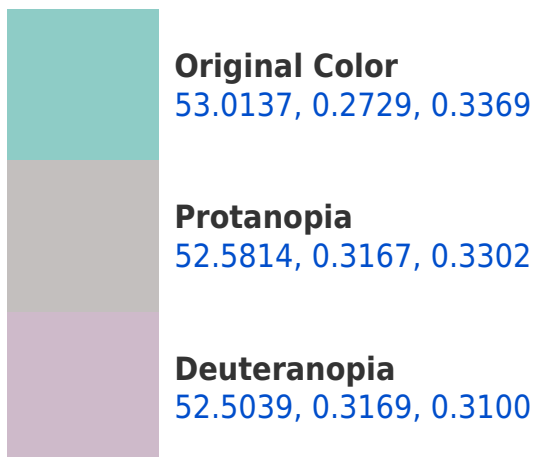


This preview shows how white text looks on a background with the Yxy color 53.0137, 0.2729, 0.3369.

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

52.8940, 0.2637, 0.3082

Trichromacy



Original Color

53.0137, 0.2729, 0.3369

Protanomaly

52.5602, 0.2993, 0.3328

Deuteranomaly

52.4243, 0.2990, 0.3190

Tritanomaly

52.9139, 0.2673, 0.3184

Monochromacy



Original Color

53.0137, 0.2729, 0.3369

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.8520, 0.2960, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0137, 0.2729, 0.3369 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(142, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 204, 198)  
}
```

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(142, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 204, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.0137, 0.2729, 0.3369 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(142, 204, 198) }
```

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

```
.border{ border-color:rgb(142, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 204,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0137, 0.2729, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 204, 198) }
```

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

```
.background{ background-color: rgb(142,  
204, 198) }
```

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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