

Converting Colors

$Y_{xy}(53.2974, 0.2604, 0.3105)$

Have a look what the booklet for
Yxy(53.2974, 0.2604, 0.3105)
contains.

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Color

Yxy(53.2971, 0.2605, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	8CCBD9
RGB	140, 203, 217
RGB Percent	55%, 80%, 85%
CMY	0.4509, 0.2039, 0.1489
CMYK	0.35, 0.06, 0.00, 0.15
HSL	191°, 50%, 70%
HSV	191°, 35%, 85%
XYZ	44.7002, 53.2971, 73.5967
YIQ	185.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

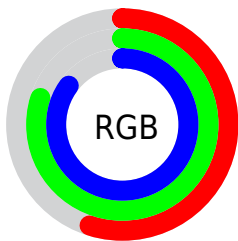
Format	Color
RYB	140, 175, 217
Decimal	9227225
CIELab	78.05, -16.56, -13.37
CIELCh	78, 21.279, 218.911
Yxy	53.2971, 0.2605, 0.3106
Android (android.graphics.Color)	4287417305 (0xFF8CCBD9)
YUV	185.7590, 15.4018, -40.1306
Hunter-Lab	73.0049, -18.4645, -8.6672

Details

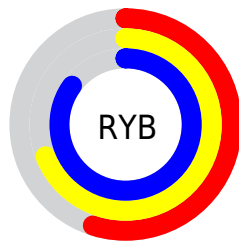
The Yxy color **53.2971, 0.2605, 0.3106** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7777, 0.3912, 0.3464**, and the grayscale version is **48.8945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **26.0820, 0.2475, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **49.7519, 0.2478, 0.3045**, and if you desaturate by 10%, it is **57.2660, 0.2744, 0.3163**.

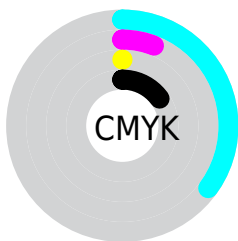
Distribution



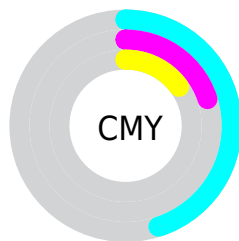
- Red (55%)
- Green (80%)
- Blue (85%)



- Red (55%)
- Yellow (69%)
- Blue (85%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (45%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2971, 0.2605, 0.3106 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 53.2971, 0.2605, 0.3106 by changing the saturation by 10% instead.


 53.2971, 0.2605,
0.3106

 53.2971, 0.2605,
0.3106


399.4239, 0.2855,
0.3201

 38.0400, 0.2546,
0.3082


 95.0414, 0.2694,
0.3141

 26.0137, 0.2471,
0.3051


 122.2974, 0.2728,
0.3154

 16.8339, 0.2376,
0.3009


154.3218, 0.2757,
0.3165

 10.1161, 0.2248,
0.2950

191.4990, 0.2782,
0.3174

 5.4760, 0.2069,
0.2862

234.2135, 0.2804,
0.3182

 2.5292, 0.1804,
0.2719

282.8495, 0.2823,

 0.8912, 0.1238,

0.3189

0.2491

337.7915, 0.2840,
0.3195

0.0000, 0.0000,
0.0000

53.2971, 0.2605,
0.3106

53.2971, 0.2605,
0.3106

49.7519, 0.2478,
0.3045

57.2660, 0.2744,
0.3163

46.6017, 0.2365,
0.2982

61.6728, 0.2891,
0.3216

43.8240, 0.2269,
0.2917

66.5386, 0.3043,
0.3265

41.3911, 0.2191,
0.2851

71.8812, 0.3197,
0.3309

39.2709, 0.2134,
0.2785

77.7176, 0.3351,
0.3349

■ 37.4239, 0.2095,
0.2719

■ 81.0587, 0.3392,
0.3388

■ 36.6482, 0.2081,
0.2690

■ 83.2434, 0.3386,
0.3427

■ 85.4780, 0.3381,
0.3466

■ 87.7629, 0.3375,
0.3505

Harmonies

Analogous

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



53.2971, 0.2731, 0.3371



53.2971, 0.2605, 0.3106



53.2971, 0.2611, 0.2909

Triad

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



53.2971, 0.2605, 0.3106



53.2971, 0.3277, 0.2987



53.2971, 0.3506, 0.3780

Complementary

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



53.2971, 0.2605, 0.3106



39.7777, 0.3912, 0.3464

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.



53.2971, 0.3668, 0.3648



53.2971, 0.2605, 0.3106



53.2971, 0.3534, 0.3195

Square

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



53.2971, 0.2605, 0.3106



53.2971, 0.2989, 0.2853



53.2971, 0.3679, 0.3433



53.2971, 0.3246, 0.3777

Rectangle

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



53.2971, 0.2605, 0.3106



53.2971, 0.2689, 0.2838



53.2971, 0.3679, 0.3433



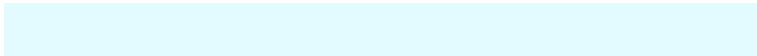
53.2971, 0.3574, 0.3749

Sweetspot

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



53.2992, 0.2605, 0.3106



91.8451, 0.2957, 0.3238



57.5132, 0.3001, 0.4171



19.4559, 0.2936, 0.3232



0.0000, 0.0000, 0.0000



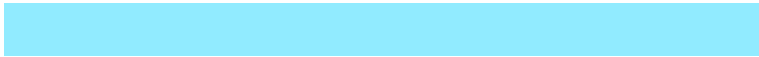
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2992, 0.2605, 0.3106



72.7005, 0.2503, 0.3058



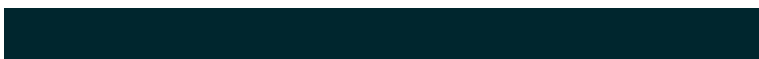
37.7474, 0.2535, 0.2591



14.4050, 0.2982, 0.3246



22.3210, 0.2083, 0.2699



1.5533, 0.2113, 0.2806

Inverse Universe

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



37.8292, 0.3300, 0.2559



47.6173, 0.3349, 0.2401



54.0687, 0.3755, 0.3900



13.2320, 0.3165, 0.3101



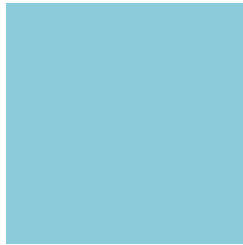
10.8771, 0.3729, 0.1828



0.7155, 0.3629, 0.1773

Previews

White Background



This preview shows how the Yxy color 53.2971, 0.2605, 0.3106 looks on a white background.

Color Contrast Check

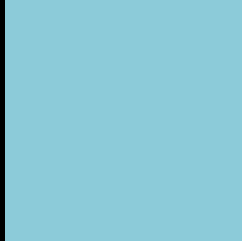
Large Text (above 18pt) WCAG AA × Fail

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 53.2971, 0.2605, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

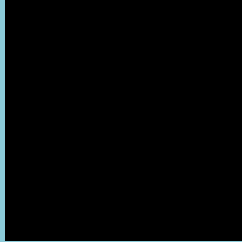
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

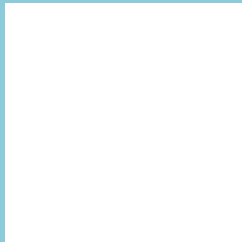
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2971, 0.2605, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 53.2971, 0.2605, 0.3106.



This preview shows how white text looks on a background with the Yxy color 53.2971, 0.2605, 0.3106.

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

53.2971, 0.2605, 0.3106

Protanopia

52.9414, 0.2995, 0.3071

Deuteranopia

52.7137, 0.2970, 0.2901



Tritanopia

53.4891, 0.2600, 0.3082

Trichromacy



Original Color

53.2971, 0.2605, 0.3106

Protanomaly

52.5543, 0.2834, 0.3076

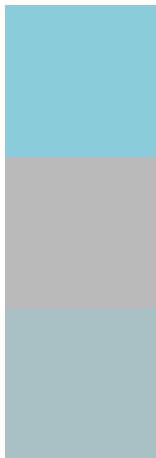
Deuteranomaly

52.6015, 0.2822, 0.2970

Tritanomaly

53.4365, 0.2605, 0.3094

Monochromacy



Original Color

53.2971, 0.2605, 0.3106

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1655, 0.2911, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2971, 0.2605, 0.3106 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(140, 203, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 203, 217)  
}
```

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(140, 203, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 203, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.2971, 0.2605, 0.3106 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(140, 203, 217) }
```

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

```
.border{ border-color:rgb(140, 203, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 203, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 203, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 203, 217);  
box-shadow:4px 4px 4px 4px rgb(140, 203,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2971, 0.2605, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 203, 217) }
```

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

```
.background{ background-color: rgb(140,  
203, 217) }
```

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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