

Converting Colors

Yxy(54.0484, 0.2694, 0.3132)

Have a look what the booklet for
Yxy(54.0484, 0.2694, 0.3132)
contains.

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Color

Yxy(53.9197, 0.2694, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	99CAD7
RGB	153, 202, 215
RGB Percent	60%, 79%, 84%
CMY	0.3999, 0.2079, 0.1568
CMYK	0.29, 0.06, 0.00, 0.16
HSL	193°, 44%, 72%
HSV	193°, 29%, 84%
XYZ	46.5278, 53.9197, 72.2614
YIQ	188.8310, -33.3770, -6.3450

Conversions

Conversions Part 2

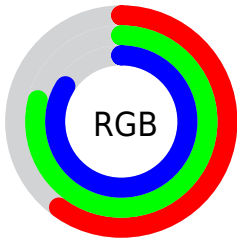
Format	Color
R _{YB}	153, 180, 215
Decimal	10078935
CIE _{Lab}	78.41, -12.90, -11.67
CIE _{LCh}	78, 17.396, 222.127
Yxy	53.9197, 0.2694, 0.3122
Android (android.graphics.Color)	4288269015 (0xFF99CAD7)
YUV	188.8310, 12.9013, -31.4238
Hunter-Lab	73.4300, -15.3989, -6.9454

Details

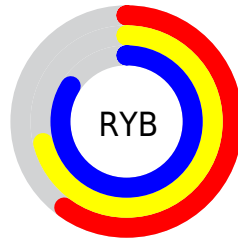
The Yxy color **53.9197, 0.2694, 0.3122** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0403, 0.3716, 0.3451**, and the grayscale version is **50.7301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **26.4272, 0.2586, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **49.9253, 0.2556, 0.3054**, and if you desaturate by 10%, it is **58.3575, 0.2840, 0.3185**.

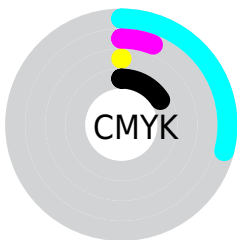
Distribution



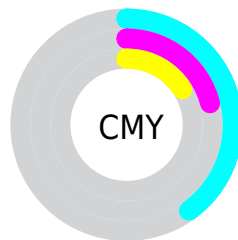
- Red (60%)
- Green (79%)
- Blue (84%)



- Red (60%)
- Yellow (71%)
- Blue (84%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9197, 0.2694, 0.3122 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 53.9197, 0.2694, 0.3122 by changing the saturation by 10% instead.


 53.9197, 0.2694,
0.3122

 53.9197, 0.2694,
0.3122


401.8037, 0.2902,
0.3207

 38.5375, 0.2645,
0.3101


 95.9563, 0.2768,
0.3153

 26.4001, 0.2582,
0.3073


 123.3795, 0.2796,
0.3165

 17.1232, 0.2502,
0.3036


155.5852, 0.2820,
0.3175

 10.3224, 0.2394,
0.2985

192.9576, 0.2841,
0.3183

 5.6132, 0.2243,
0.2909

235.8813, 0.2859,
0.3190

 2.6113, 0.2016,
0.2786

284.7406, 0.2875,

 0.9324, 0.1577,

0.3197

0.2577

339.9200, 0.2889,
0.3202

0.0000, 0.0000,
0.0000

53.9197, 0.2694,
0.3122

53.9197, 0.2694,
0.3122

49.9253, 0.2556,
0.3054

58.3575, 0.2840,
0.3185

46.3471, 0.2430,
0.2983

63.2515, 0.2991,
0.3243

43.1645, 0.2319,
0.2908

68.6218, 0.3145,
0.3296

40.3523, 0.2225,
0.2832

74.4854, 0.3299,
0.3343

37.8821, 0.2151,
0.2755

79.7942, 0.3409,
0.3387

■ 35.7202, 0.2096,
0.2678

■ 82.2633, 0.3402,
0.3432

■ 33.8143, 0.2058,
0.2601

■ 84.7974, 0.3395,
0.3476

■ 33.6010, 0.2054,
0.2593

■ 87.3971, 0.3388,
0.3520

■ 90.0628, 0.3382,
0.3564

Harmonies

Analogous

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



53.9197, 0.2787, 0.3333



53.9197, 0.2694, 0.3122



53.9197, 0.2711, 0.2968

Triad

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



53.9197, 0.2694, 0.3122



53.9197, 0.3275, 0.3057



53.9197, 0.3417, 0.3694

Complementary

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



53.9197, 0.2694, 0.3122



44.0403, 0.3716, 0.3451

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.



53.9197, 0.3558, 0.3600



53.9197, 0.2694, 0.3122



53.9197, 0.3476, 0.3234

Square

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



53.9197, 0.2694, 0.3122



53.9197, 0.3040, 0.2938



53.9197, 0.3581, 0.3431



53.9197, 0.3201, 0.3675

Rectangle

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



53.9197, 0.2694, 0.3122



53.9197, 0.2783, 0.2914



53.9197, 0.3581, 0.3431



53.9197, 0.3475, 0.3674

Sweetspot

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



53.9219, 0.2694, 0.3122



92.8663, 0.2988, 0.3242



58.1197, 0.3010, 0.3952



19.6421, 0.2965, 0.3233



0.0000, 0.0000, 0.0000



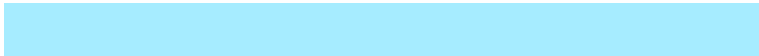
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9219, 0.2694, 0.3122



75.4346, 0.2603, 0.3079



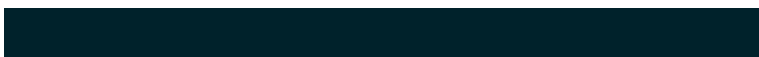
41.0424, 0.2651, 0.2714



13.6443, 0.2982, 0.3240



20.2502, 0.2057, 0.2604



1.3350, 0.2093, 0.2736

Inverse Universe

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



41.5035, 0.3277, 0.2716



54.5123, 0.3319, 0.2585



56.4224, 0.3617, 0.3806



12.5859, 0.3169, 0.3108



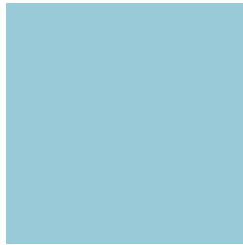
10.3891, 0.3820, 0.1878



0.6381, 0.3694, 0.1809

Previews

White Background



This preview shows how the Yxy color 53.9197, 0.2694, 0.3122 looks on a white background.

Color Contrast Check

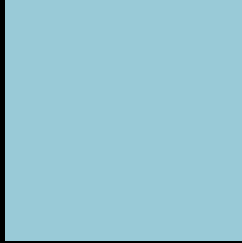
Large Text (above 18pt) WCAG AA × Fail

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 53.9197, 0.2694, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

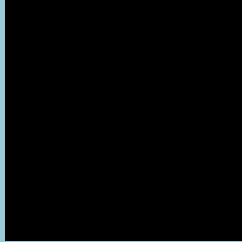
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

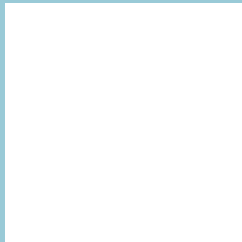
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9197, 0.2694, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 53.9197, 0.2694, 0.3122.



This preview shows how white text looks on a background with the Yxy color 53.9197, 0.2694, 0.3122.

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

53.9197, 0.2694, 0.3122

Protanopia

53.5092, 0.3003, 0.3084

Deuteranopia

53.4459, 0.3008, 0.2938



Tritanopia

54.1730, 0.2683, 0.3085

Trichromacy



Original Color

53.9197, 0.2694, 0.3122

Protanomaly

53.6480, 0.2884, 0.3104

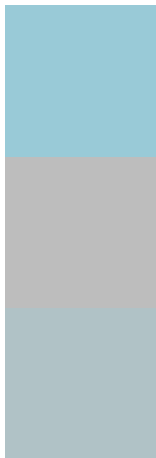
Deuteranomaly

53.3400, 0.2887, 0.2998

Tritanomaly

54.1208, 0.2689, 0.3098

Monochromacy



Original Color

53.9197, 0.2694, 0.3122

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8909, 0.2958, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9197, 0.2694, 0.3122 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(153, 202, 215)` looks like.

```
.text, #text, p{  
    color:rgb(153, 202, 215)  
}
```

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(153, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 202, 215) }
```

Border

The CSS property to change the border of an element to Yxy 53.9197, 0.2694, 0.3122 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(153, 202, 215) }
```

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

```
.border{ border-color:rgb(153, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(153, 202,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9197, 0.2694, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 202, 215) }
```

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

```
.background{ background-color: rgb(153,  
202, 215) }
```

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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