

Converting Colors

$Yxy(53.9494, 0.2693, 0.3137)$

Have a look what the booklet for
Yxy(53.9494, 0.2693, 0.3137)
contains.

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Color

Yxy(53.7715, 0.2694, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	98CAD6
RGB	152, 202, 214
RGB Percent	60%, 79%, 84%
CMY	0.4038, 0.2078, 0.1609
CMYK	0.29, 0.06, 0.00, 0.16
HSL	192°, 43%, 72%
HSV	192°, 29%, 84%
XYZ	46.2075, 53.7715, 71.5410
YIQ	188.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

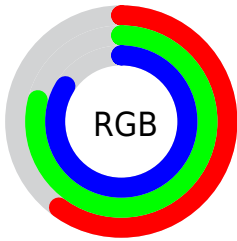
Format	Color
RYB	152, 180, 214
Decimal	10013398
CIELab	78.33, -13.43, -11.24
CIELCh	78, 17.514, 219.908
Yxy	53.7715, 0.2694, 0.3135
Android (android.graphics.Color)	4288203478 (0xFF98CAD6)
YUV	188.4180, 12.6119, -31.9386
Hunter-Lab	73.3291, -15.8461, -6.5139

Details

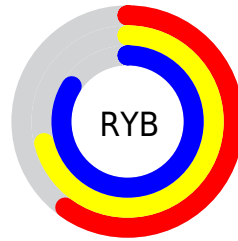
The Yxy color **53.7715, 0.2694, 0.3135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1095, 0.3723, 0.3439**, and the grayscale version is **50.4839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **26.3357, 0.2586, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **49.9771, 0.2558, 0.3073**, and if you desaturate by 10%, it is **57.9946, 0.2839, 0.3193**.

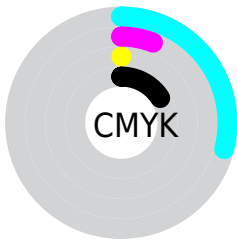
Distribution



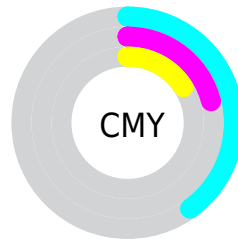
- Red (60%)
- Green (79%)
- Blue (84%)



- 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 53.7715, 0.2694, 0.3135 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 53.7715, 0.2694, 0.3135 by changing the saturation by 10% instead.

■ 53.7715, 0.2694,
0.3135

■ 53.7715, 0.2694,
0.3135

401.2381, 0.2902,
0.3214

■ 38.4190, 0.2644,
0.3115

■ 95.7387, 0.2768,
0.3164

■ 26.3081, 0.2582,
0.3089

■ 123.1221, 0.2796,
0.3175

■ 17.0542, 0.2502,
0.3055

155.2847, 0.2820,
0.3184

■ 10.2732, 0.2394,
0.3007

192.6108, 0.2841,
0.3192

■ 5.5805, 0.2242,
0.2935

235.4848, 0.2859,
0.3198

■ 2.5917, 0.2013,
0.2818

284.2910, 0.2875,

■ 0.9225, 0.1559,

0.3204

0.2622

339.4140, 0.2890,
0.3209

0.0000, 0.0000,
0.0000

53.7715, 0.2694,
0.3135

53.7715, 0.2694,
0.3135

49.9771, 0.2558,
0.3073

57.9946, 0.2839,
0.3193

46.5846, 0.2434,
0.3008

62.6589, 0.2990,
0.3246

43.5737, 0.2325,
0.2939

67.7843, 0.3143,
0.3295

40.9198, 0.2234,
0.2870

73.3874, 0.3297,
0.3339

38.5946, 0.2162,
0.2799

78.7146, 0.3420,
0.3379

■ 36.5651, 0.2109,
0.2729

■ 80.9466, 0.3413,
0.3420

■ 34.7788, 0.2074,
0.2659

■ 83.2330, 0.3407,
0.3461

■ 34.5977, 0.2070,
0.2652

■ 85.5740, 0.3400,
0.3501

■ 87.9700, 0.3394,
0.3541

Harmonies

Analogous

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



53.7715, 0.2796, 0.3350



53.7715, 0.2694, 0.3135



53.7715, 0.2703, 0.2974

Triad

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



53.7715, 0.2694, 0.3135



53.7715, 0.3259, 0.3044



53.7715, 0.3433, 0.3694

Complementary

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



53.7715, 0.2694, 0.3135



43.1095, 0.3723, 0.3439

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.



53.7715, 0.3568, 0.3592



53.7715, 0.2694, 0.3135



53.7715, 0.3466, 0.3219

Square

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



53.7715, 0.2694, 0.3135



53.7715, 0.3022, 0.2930



53.7715, 0.3581, 0.3417



53.7715, 0.3219, 0.3684

Rectangle

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



53.7715, 0.2694, 0.3135



53.7715, 0.2770, 0.2915



53.7715, 0.3581, 0.3417



53.7715, 0.3490, 0.3671

Sweetspot

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



53.7737, 0.2694, 0.3135



93.1074, 0.2988, 0.3246



57.4144, 0.3017, 0.3969



19.7018, 0.2965, 0.3238



0.0000, 0.0000, 0.0000



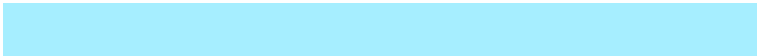
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7737, 0.2694, 0.3135



76.3066, 0.2606, 0.3096



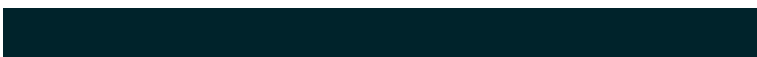
40.9013, 0.2650, 0.2725



13.6810, 0.2983, 0.3244



21.0652, 0.2073, 0.2662



1.3775, 0.2106, 0.2783

Inverse Universe

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



41.0219, 0.3268, 0.2702



54.6003, 0.3307, 0.2571



55.3016, 0.3622, 0.3796



12.5896, 0.3167, 0.3104



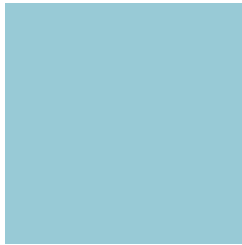
10.4714, 0.3764, 0.1847



0.6424, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 53.7715, 0.2694, 0.3135 looks on a white background.

Color Contrast Check

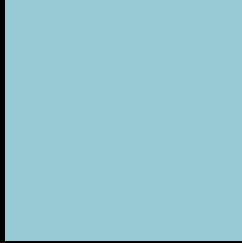
Large Text (above 18pt) WCAG AA × Fail

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 53.7715, 0.2694, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

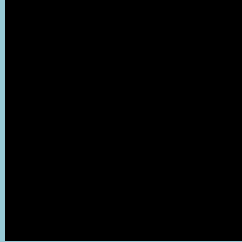
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

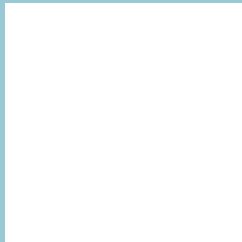
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7715, 0.2694, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 53.7715, 0.2694, 0.3135.

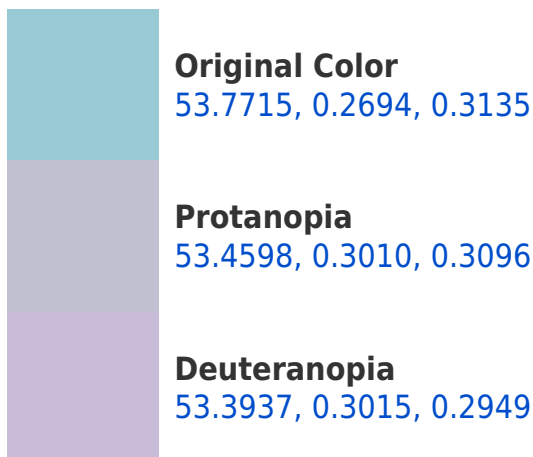


This preview shows how white text looks on a background with the Yxy color 53.7715, 0.2694, 0.3135.

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

53.6075, 0.2675, 0.3072

Trichromacy



Original Color

53.7715, 0.2694, 0.3135

Protanomaly

53.4801, 0.2884, 0.3115

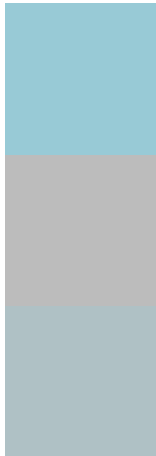
Deuteranomaly

53.1651, 0.2886, 0.3009

Tritanomaly

53.5553, 0.2681, 0.3084

Monochromacy



Original Color

53.7715, 0.2694, 0.3135

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2851, 0.2957, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7715, 0.2694, 0.3135 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(152, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(152, 202, 214)  
}
```

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(152, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 202, 214) }
```

Border

The CSS property to change the border of an element to Yxy 53.7715, 0.2694, 0.3135 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(152, 202, 214) }
```

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

```
.border{ border-color:rgb(152, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(152, 202,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7715, 0.2694, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 202, 214) }
```

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

```
.background{ background-color: rgb(152,  
202, 214) }
```

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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