

Converting Colors

$Y_{xy}(55.3152, 0.2694, 0.3151)$

Have a look what the booklet for
Yxy(55.3152, 0.2694, 0.3151)
contains.

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Color

Yxy(55.3928, 0.2692, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	99CDD8
RGB	153, 205, 216
RGB Percent	60%, 80%, 85%
CMY	0.4002, 0.1960, 0.1530
CMYK	0.29, 0.05, 0.00, 0.15
HSL	190°, 45%, 72%
HSV	190°, 29%, 85%
XYZ	47.3539, 55.3928, 73.1593
YIQ	190.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

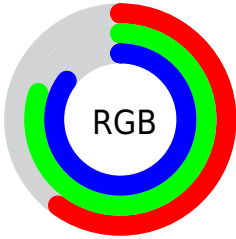
Format	Color
R _{YB}	153, 181, 216
Decimal	10079704
CIE _{Lab}	79.27, -14.26, -10.92
CIE _{LCh}	79, 17.957, 217.450
Yxy	55.3928, 0.2692, 0.3149
Android (android.graphics.Color)	4288269784 (0xFF99CDD8)
YUV	190.7060, 12.4699, -33.0682
Hunter-Lab	74.4263, -16.6751, -6.1822

Details

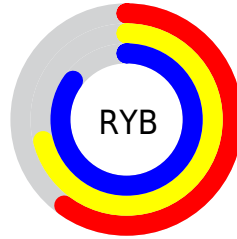
The Yxy color **55.3928, 0.2692, 0.3149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4198, 0.3734, 0.3426**, and the grayscale version is **51.8572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **27.4158, 0.2586, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **51.7028, 0.2558, 0.3093**, and if you desaturate by 10%, it is **59.5109, 0.2836, 0.3201**.

Distribution



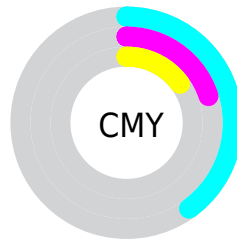
- Red (60%)
- Green (80%)
- Blue (85%)



- Red (60%)
- Yellow (71%)
- Blue (85%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)





- Cyan (40%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3928, 0.2692, 0.3149 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 55.3928, 0.2692, 0.3149 by changing the saturation by 10% instead.


 55.3928, 0.2692,
0.3149


 55.3928, 0.2692,
0.3149


407.3992, 0.2900,
0.3221

 39.7163, 0.2643,
0.3131

 98.1162, 0.2766,
0.3175

 27.3174, 0.2581,
0.3107


 125.9319, 0.2794,
0.3185

 17.8118, 0.2502,
0.3076


158.5629, 0.2818,
0.3193

 10.8149, 0.2395,
0.3033

196.3934, 0.2839,
0.3200

 5.9425, 0.2246,
0.2968

239.8079, 0.2857,
0.3207

 2.8102, 0.2024,
0.2862

289.1907, 0.2873,

 1.0334, 0.1624,

0.3212

0.2676

344.9264, 0.2887,
0.3217

0.0000, 0.0000,
0.0000

55.3928, 0.2692,
0.3149

55.3928, 0.2692,
0.3149

51.7028, 0.2558,
0.3093

59.5109, 0.2836,
0.3201

48.4133, 0.2436,
0.3034

64.0697, 0.2986,
0.3249

45.5039, 0.2330,
0.2973

69.0895, 0.3140,
0.3293

42.9491, 0.2242,
0.2911

74.5872, 0.3294,
0.3333

40.7203, 0.2173,
0.2848

79.4347, 0.3404,
0.3370

■ 38.7835, 0.2124,
0.2785

■ 81.4769, 0.3398,
0.3407

■ 37.0835, 0.2091,
0.2723

■ 83.5642, 0.3392,
0.3444

■ 36.9510, 0.2088,
0.2718

■ 85.6968, 0.3387,
0.3481

■ 87.8749, 0.3381,
0.3518

Harmonies

Analogous

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



55.3928, 0.2804, 0.3369



55.3928, 0.2692, 0.3149



55.3928, 0.2692, 0.2979

Triad

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



55.3928, 0.2692, 0.3149



55.3928, 0.3242, 0.3029



55.3928, 0.3453, 0.3695

Complementary

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



55.3928, 0.2692, 0.3149



43.4198, 0.3734, 0.3426

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.



55.3928, 0.3581, 0.3584



55.3928, 0.2692, 0.3149



55.3928, 0.3457, 0.3202

Square

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



55.3928, 0.2692, 0.3149



55.3928, 0.3002, 0.2919



55.3928, 0.3583, 0.3403



55.3928, 0.3240, 0.3696

Rectangle

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



55.3928, 0.2692, 0.3149



55.3928, 0.2754, 0.2915



55.3928, 0.3583, 0.3403



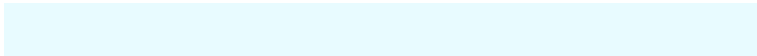
55.3928, 0.3508, 0.3669

Sweetspot

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



55.3950, 0.2692, 0.3149



93.3806, 0.2988, 0.3250



58.5377, 0.3022, 0.3990



19.7695, 0.2965, 0.3243



0.0000, 0.0000, 0.0000



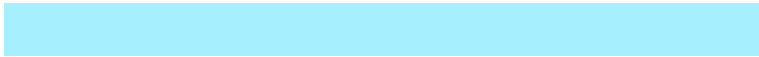
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3950, 0.2692, 0.3149



77.3012, 0.2608, 0.3115



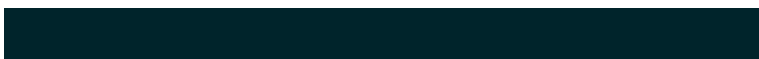
41.9812, 0.2647, 0.2734



13.7227, 0.2983, 0.3248



22.0130, 0.2091, 0.2728



1.4267, 0.2121, 0.2835

Inverse Universe

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



41.7705, 0.3259, 0.2684



54.7007, 0.3293, 0.2556



55.9174, 0.3630, 0.3789



12.5938, 0.3164, 0.3100



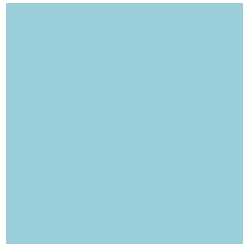
10.5671, 0.3702, 0.1813



0.6473, 0.3602, 0.1758

Previews

White Background



This preview shows how the Yxy color 55.3928, 0.2692, 0.3149 looks on a white background.

Color Contrast Check

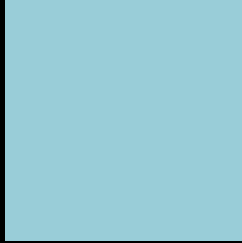
Large Text (above 18pt) WCAG AA × Fail

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 55.3928, 0.2692, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

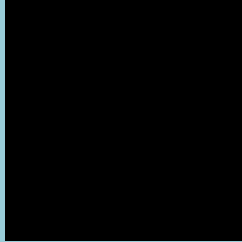
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

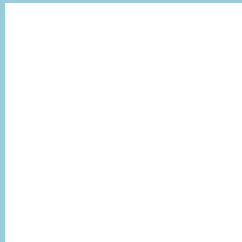
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3928, 0.2692, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 55.3928, 0.2692, 0.3149.

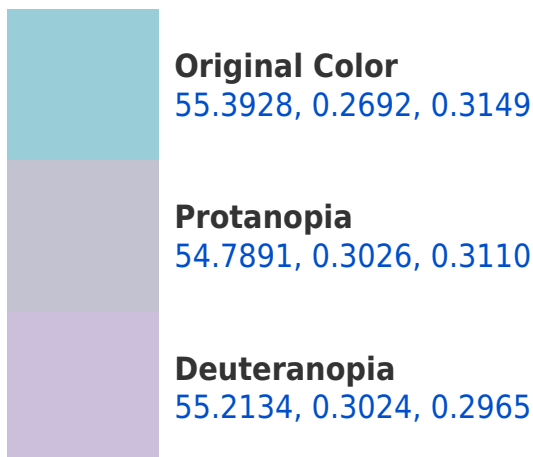


This preview shows how white text looks on a background with the Yxy color 55.3928, 0.2692, 0.3149.

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

55.2762, 0.2668, 0.3074

Trichromacy



Original Color

55.3928, 0.2692, 0.3149

Protanomaly

54.8449, 0.2893, 0.3117

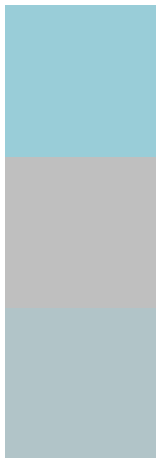
Deuteranomaly

54.8561, 0.2889, 0.3024

Tritanomaly

55.1702, 0.2680, 0.3099

Monochromacy



Original Color

55.3928, 0.2692, 0.3149

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9971, 0.2952, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3928, 0.2692, 0.3149 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, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(153, 205, 216)  
}
```

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, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 216) }
```

Border

The CSS property to change the border of an element to Yxy 55.3928, 0.2692, 0.3149 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, 205, 216) }
```

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

```
.border{ border-color:rgb(153, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(153, 205,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3928, 0.2692, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 216) }
```

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

```
.background{ background-color: rgb(153,  
205, 216) }
```

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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