

Converting Colors

$Y_{xy}(52.9870, 0.2632, 0.3119)$

Have a look what the booklet for
Yxy(52.9870, 0.2632, 0.3119)
contains.

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Color

Yxy(52.9870, 0.2632, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	8FCAD7
RGB	143, 202, 215
RGB Percent	56%, 79%, 84%
CMY	0.4393, 0.2078, 0.1567
CMYK	0.34, 0.06, 0.00, 0.16
HSL	191°, 47%, 70%
HSV	191°, 34%, 84%
XYZ	44.7136, 52.9870, 72.1840
YIQ	185.8410, -39.3370, -8.4650

Conversions

Conversions Part 2

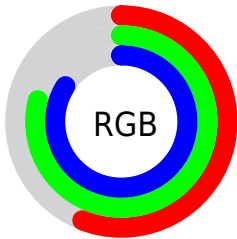
Format	Color
RYB	143, 175, 215
Decimal	9423575
CIELab	77.87, -15.73, -12.55
CIELCh	78, 20.124, 218.584
Yxy	52.9870, 0.2632, 0.3119
Android (android.graphics.Color)	4287613655 (0xFF8FCAD7)
YUV	185.8410, 14.3754, -37.5716
Hunter-Lab	72.7922, -17.7401, -7.8401

Details

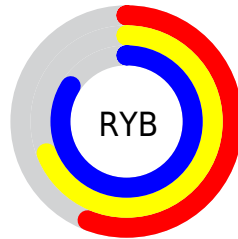
The Yxy color **52.9870, 0.2632, 0.3119** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2128, 0.3853, 0.3453**, and the grayscale version is **48.9427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **25.8417, 0.2506, 0.3075** is the 20% darker color. If you saturate the color by 10%, you get **49.4490, 0.2502, 0.3060**, and if you desaturate by 10%, it is **56.9430, 0.2772, 0.3175**.

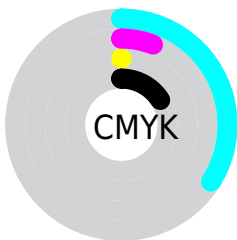
Distribution



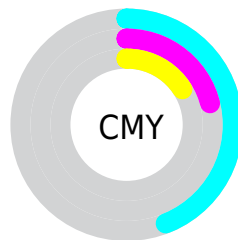
- Red (56%)
- Green (79%)
- Blue (84%)



- Red (56%)
- Yellow (69%)
- Blue (84%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9870, 0.2632, 0.3119 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 52.9870, 0.2632, 0.3119 by changing the saturation by 10% instead.


 52.9870, 0.2632,
0.3119

 52.9870, 0.2632,
0.3119


398.2352, 0.2870,
0.3207

 37.7924, 0.2575,
0.3097


 94.5852, 0.2716,
0.3151

 25.8216, 0.2504,
0.3068


 121.7577, 0.2749,
0.3163

 16.6902, 0.2413,
0.3029


153.6915, 0.2776,
0.3173

 10.0139, 0.2290,
0.2974

190.7711, 0.2800,
0.3182

 5.4082, 0.2118,
0.2892

233.3809, 0.2821,
0.3190

 2.4887, 0.1861,
0.2757

281.9052, 0.2839,

 0.8710, 0.1297,

0.3196

0.2545

336.7285, 0.2856,
0.3202

0.0000, 0.0000,
0.0000

52.9870, 0.2632,
0.3119

52.9870, 0.2632,
0.3119

49.4490, 0.2502,
0.3060

56.9430, 0.2772,
0.3175

46.3013, 0.2386,
0.2997

61.3304, 0.2920,
0.3227

43.5223, 0.2287,
0.2933

66.1697, 0.3073,
0.3274

41.0858, 0.2206,
0.2868

71.4781, 0.3227,
0.3317

38.9612, 0.2145,
0.2802

77.2719, 0.3381,
0.3356

■ 37.1119, 0.2102,
0.2737

■ 80.1997, 0.3408,
0.3394

■ 36.0193, 0.2082,
0.2695

■ 82.3301, 0.3402,
0.3433

■ 84.5088, 0.3396,
0.3471

■ 86.7360, 0.3390,
0.3509

Harmonies

Analogous

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



52.9870, 0.2753, 0.3370



52.9870, 0.2632, 0.3119



52.9870, 0.2637, 0.2931

Triad

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



52.9870, 0.2632, 0.3119



52.9870, 0.3267, 0.3001



52.9870, 0.3489, 0.3754

Complementary

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



52.9870, 0.2632, 0.3119



40.2128, 0.3853, 0.3453

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.



52.9870, 0.3640, 0.3628



52.9870, 0.2632, 0.3119



52.9870, 0.3510, 0.3198

Square

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



52.9870, 0.2632, 0.3119



52.9870, 0.2993, 0.2874



52.9870, 0.3649, 0.3424



52.9870, 0.3244, 0.3751

Rectangle

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



52.9870, 0.2632, 0.3119



52.9870, 0.2710, 0.2862



52.9870, 0.3649, 0.3424



52.9870, 0.3553, 0.3724

Sweetspot

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



52.9891, 0.2632, 0.3119



92.5738, 0.2972, 0.3244



56.8223, 0.3007, 0.4113



19.6031, 0.2951, 0.3237



0.0000, 0.0000, 0.0000



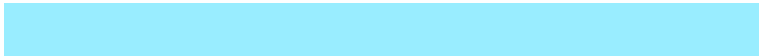
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9891, 0.2632, 0.3119



74.3044, 0.2542, 0.3079



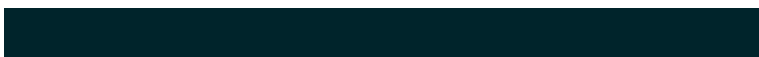
38.3806, 0.2570, 0.2637



13.7081, 0.2983, 0.3247



21.6784, 0.2085, 0.2705



1.4094, 0.2116, 0.2817

Inverse Universe

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



38.3538, 0.3287, 0.2599



50.1310, 0.3328, 0.2459



53.7029, 0.3715, 0.3865



12.5924, 0.3165, 0.3101



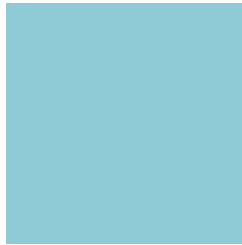
10.5333, 0.3724, 0.1825



0.6456, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 52.9870, 0.2632, 0.3119 looks on a white background.

Color Contrast Check

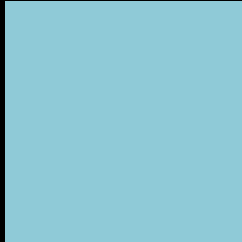
Large Text (above 18pt) WCAG AA × Fail

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 52.9870, 0.2632, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

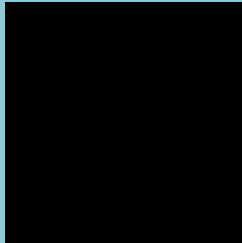
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

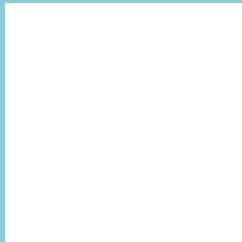
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9870, 0.2632, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 52.9870, 0.2632, 0.3119.



This preview shows how white text looks on a background with the Yxy color 52.9870, 0.2632, 0.3119.

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

52.9870, 0.2632, 0.3119

Protanopia

52.7628, 0.2994, 0.3082

Deuteranopia

52.6084, 0.2985, 0.2923



Tritanopia

53.2323, 0.2621, 0.3082

Trichromacy



Original Color

52.9870, 0.2632, 0.3119

Protanomaly

52.6176, 0.2847, 0.3089

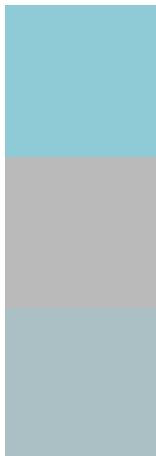
Deuteranomaly

52.1740, 0.2842, 0.2981

Tritanomaly

53.1801, 0.2627, 0.3094

Monochromacy



Original Color

52.9870, 0.2632, 0.3119

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2765, 0.2919, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9870, 0.2632, 0.3119 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(143, 202, 215)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 202, 215) }
```

Border

The CSS property to change the border of an element to Yxy 52.9870, 0.2632, 0.3119 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(143, 202, 215) }
```

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

```
.border{ border-color:rgb(143, 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(143, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 202, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 202, 215); box-shadow:4px 4px 4px 4px rgb(143, 202, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9870, 0.2632, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 202, 215) }
```

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

```
.background{ background-color: rgb(143,  
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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