

Converting Colors

$Y_{xy}(44.1667, 0.2418, 0.3139)$

Have a look what the booklet for
Yxy(44.1667, 0.2418, 0.3139)
contains.

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Color

Yxy(44.3432, 0.2418, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	5EC0CA
RGB	94, 192, 202
RGB Percent	37%, 75%, 79%
CMY	0.6319, 0.2470, 0.2079
CMYK	0.54, 0.05, 0.00, 0.21
HSL	186°, 50%, 58%
HSV	186°, 54%, 79%
XYZ	34.1145, 44.3432, 62.6279
YIQ	163.8380, -61.6180, -17.6660

Conversions

Conversions Part 2

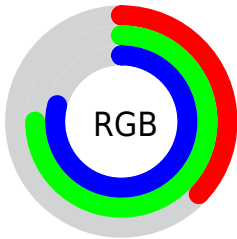
Format	Color
R_{YB}	94, 145, 202
Decimal	6209738
CIE _{Lab}	72.46, -25.95, -13.82
CIE _{LCh}	72, 29.396, 208.033
Yxy	44.3432, 0.2418, 0.3143
Android (android.graphics.Color)	4284399818 (0xFF5EC0CA)
YUV	163.8380, 18.8139, -61.2479
Hunter-Lab	66.5907, -25.0879, -9.1482

Details

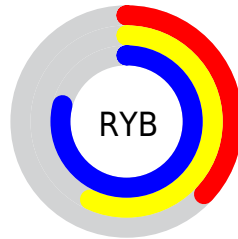
The Yxy color **44.3432, 0.2418, 0.3143** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **23.2273, 0.4608, 0.3420**, and the grayscale version is **36.9596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6468, 0.2559, 0.3221**, and **20.5093, 0.2227, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **42.6025, 0.2330, 0.3112**, and if you desaturate by 10%, it is **46.3768, 0.2523, 0.3174**.

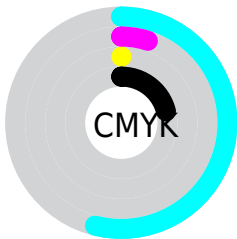
Distribution



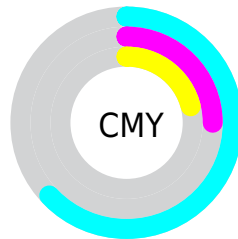
- Red (37%)
- Green (75%)
- Blue (79%)



- Red (37%)
- Yellow (57%)
- Blue (79%)



- Cyan (54%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)





- Cyan (63%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3432, 0.2418, 0.3143 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 44.3432, 0.2418, 0.3143 by changing the saturation by 10% instead.


 44.3432, 0.2418,
0.3143

 44.3432, 0.2418,
0.3143


364.1069, 0.2766,
0.3226

 30.9404, 0.2333,
0.3119


 81.7339, 0.2543,
0.3175

 20.5535, 0.2227,
0.3088


 106.4907, 0.2590,
0.3187

 12.7980, 0.2087,
0.3042


 135.8008, 0.2631,
0.3196

 7.2896, 0.1899,
0.2975

 170.0488, 0.2665,
0.3204

 3.6439, 0.1634,
0.2864

209.6190, 0.2696,
0.3211

 1.4764, 0.1223,
0.2666

254.8959, 0.2722,

 0.2720, 0.0000,

0.3217

0.1737

306.2637, 0.2746,
0.3222

0.0000, 0.0000,
0.0000

44.3432, 0.2418,
0.3143

44.3432, 0.2418,
0.3143

42.6025, 0.2330,
0.3112

46.3768, 0.2523,
0.3174

41.1273, 0.2261,
0.3080

48.7183, 0.2644,
0.3203

39.8936, 0.2212,
0.3048

51.3873, 0.2778,
0.3231

38.8702, 0.2180,
0.3017

54.4006, 0.2922,
0.3258

38.2835, 0.2166,
0.2997

57.7738, 0.3073,
0.3282

■ 61.5213, 0.3228,
0.3304

■ 65.6569, 0.3384,
0.3324

■ 70.1068, 0.3536,
0.3342

■ 71.0136, 0.3533,
0.3361

Harmonies

Analogous

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



44.3432, 0.2655, 0.3553



44.3432, 0.2418, 0.3143



44.3432, 0.2360, 0.2814

Triad

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



44.3432, 0.2418, 0.3143



44.3432, 0.3187, 0.2773



44.3432, 0.3785, 0.3951

Complementary

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



44.3432, 0.2418, 0.3143



23.2273, 0.4608, 0.3420

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.



44.3432, 0.3956, 0.3691



44.3432, 0.2418, 0.3143



44.3432, 0.3601, 0.3032

Square

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



44.3432, 0.2418, 0.3143



44.3432, 0.2782, 0.2630



44.3432, 0.3890, 0.3359



44.3432, 0.3440, 0.4043

Rectangle

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



44.3432, 0.2418, 0.3143



44.3432, 0.2425, 0.2678



44.3432, 0.3890, 0.3359



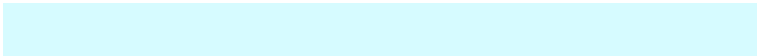
44.3432, 0.3866, 0.3878

Sweetspot

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



44.3449, 0.2418, 0.3143



90.6907, 0.2882, 0.3251



45.5835, 0.3000, 0.4857



19.1803, 0.2852, 0.3245



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.



44.3449, 0.2418, 0.3143



71.7817, 0.2320, 0.3107



25.0777, 0.2247, 0.2301



12.5434, 0.2983, 0.3268



24.7086, 0.2167, 0.3001



1.3275, 0.2184, 0.3062

Inverse Universe

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



24.3433, 0.3298, 0.2121



35.1686, 0.3340, 0.1933



37.4527, 0.4192, 0.4087



11.3852, 0.3152, 0.3082



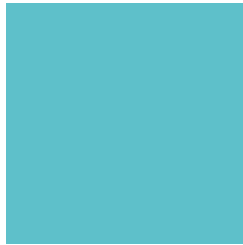
10.2973, 0.3453, 0.1676



0.5366, 0.3400, 0.1647

Previews

White Background



This preview shows how the Yxy color 44.3432, 0.2418, 0.3143 looks on a white background.

Color Contrast Check

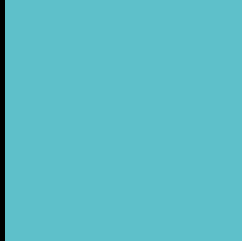
Large Text (above 18pt) WCAG AA × Fail

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 44.3432, 0.2418, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

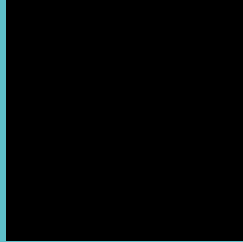
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

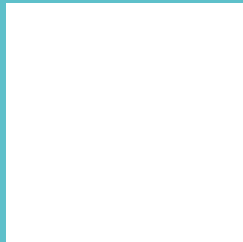
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3432, 0.2418, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 44.3432, 0.2418, 0.3143.



This preview shows how white text looks on a background with the Yxy color 44.3432, 0.2418, 0.3143.

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

44.3432, 0.2418, 0.3143

Protanopia

43.5797, 0.2992, 0.3066

Deuteranopia

43.6646, 0.2926, 0.2857



Tritanopia

44.2534, 0.2399, 0.3058

Trichromacy



Original Color

44.3432, 0.2418, 0.3143

Protanomaly

43.0530, 0.2731, 0.3081

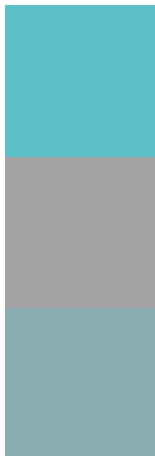
Deuteranomaly

43.0375, 0.2698, 0.2937

Tritanomaly

44.1023, 0.2405, 0.3086

Monochromacy



Original Color

44.3432, 0.2418, 0.3143

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.8897, 0.2795, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3432, 0.2418, 0.3143 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(94, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(94, 192, 202)  
}
```

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(94, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 192, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.3432, 0.2418, 0.3143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

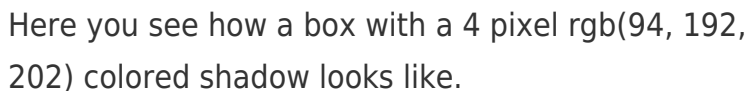
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 192, 202) }
```

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

```
.border{ border-color:rgb(94, 192, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(94, 192,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3432, 0.2418, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 192, 202) }
```

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

```
.background{ background-color: rgb(94, 192,  
202) }
```

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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