

Converting Colors

$Y_{xy}(43.2687, 0.2304, 0.2981)$

Have a look what the booklet for
Yxy(43.2687, 0.2304, 0.2981)
contains.

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Color

Yxy(43.1923, 0.2306, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	4FBED3
RGB	79, 190, 211
RGB Percent	31%, 75%, 83%
CMY	0.6906, 0.2549, 0.1725
CMYK	0.63, 0.10, 0.00, 0.17
HSL	190°, 60%, 57%
HSV	190°, 63%, 83%
XYZ	33.3897, 43.1923, 68.2128
YIQ	159.2050, -72.8970, -17.0010

Conversions

Conversions Part 2

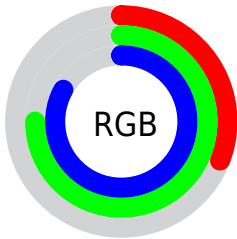
Format	Color
RYB	79, 139, 211
Decimal	5226195
CIELab	71.69, -25.15, -19.95
CIELCh	72, 32.106, 218.419
Yxy	43.1923, 0.2306, 0.2983
Android (android.graphics.Color)	4283416275 (0xFF4FBED3)
YUV	159.2050, 25.5349, -70.3398
Hunter-Lab	65.7208, -24.3240, -15.5336

Details

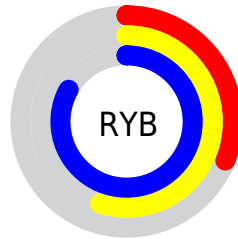
The Yxy color **43.1923, 0.2306, 0.2983** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **23.5069, 0.4935, 0.3534**, and the grayscale version is **34.6637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4042, 0.2508, 0.3197**, and **20.0086, 0.2135, 0.2885** is the 20% darker color. If you saturate the color by 10%, you get **40.9932, 0.2226, 0.2926**, and if you desaturate by 10%, it is **45.7150, 0.2404, 0.3039**.

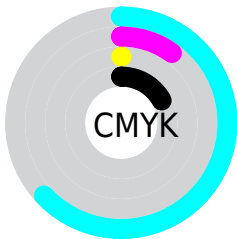
Distribution



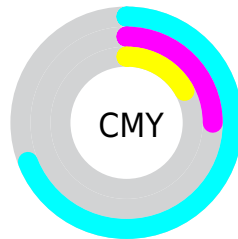
- Red (31%)
- Green (75%)
- Blue (83%)



- Red (31%)
- Yellow (55%)
- Blue (83%)



- Cyan (63%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)





- Cyan (69%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1923, 0.2306, 0.2983 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 43.1923, 0.2306, 0.2983 by changing the saturation by 10% instead.


 43.1923, 0.2306,
0.2983


 43.1923, 0.2306,
0.2983


359.4020, 0.2708,
0.3149

 30.0360, 0.2209,
0.2938


 80.0010, 0.2449,
0.3046

 19.8659, 0.2088,
0.2879


 104.4221, 0.2504,
0.3069

 12.2976, 0.1931,
0.2798


 133.3671, 0.2551,
0.3088

 6.9467, 0.1722,
0.2680

 167.2202, 0.2591,
0.3104

 3.4288, 0.1433,
0.2497

206.3658, 0.2626,
0.3118

 1.3595, 0.0994,
0.2194

251.1884, 0.2656,

 0.1866, 0.0000,

0.3130

0.0965

302.0723, 0.2684,
0.3140

■ 0.0000, 0.0000,
0.0000

■ 43.1923, 0.2306,
0.2983

■ 43.1923, 0.2306,
0.2983

■ 40.9932, 0.2226,
0.2926

■ 45.7150, 0.2404,
0.3039

■ 39.0844, 0.2166,
0.2869

■ 48.5812, 0.2519,
0.3093

■ 37.4333, 0.2125,
0.2813

■ 51.8149, 0.2647,
0.3145

■ 36.3358, 0.2103,
0.2771

■ 55.4361, 0.2787,
0.3193

■ 59.4634, 0.2934,
0.3238

■ 63.9143, 0.3087,
0.3280

■ 68.8050, 0.3241,
0.3317

■ 74.1508, 0.3396,
0.3351

■ 77.2541, 0.3445,
0.3384

Harmonies

Analogous

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



43.1923, 0.2498, 0.3420



43.1923, 0.2306, 0.2983



43.1923, 0.2314, 0.2678

Triad

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



43.1923, 0.2306, 0.2983



43.1923, 0.3355, 0.2810



43.1923, 0.3733, 0.4078

Complementary

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



43.1923, 0.2306, 0.2983



23.5069, 0.4935, 0.3534

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.



43.1923, 0.4001, 0.3839



43.1923, 0.2306, 0.2983



43.1923, 0.3782, 0.3124

Square

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



43.1923, 0.2306, 0.2983



43.1923, 0.2891, 0.2606



43.1923, 0.4025, 0.3490



43.1923, 0.3313, 0.4101

Rectangle

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



43.1923, 0.2306, 0.2983



43.1923, 0.2430, 0.2575



43.1923, 0.4025, 0.3490



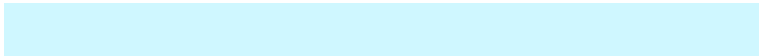
43.1923, 0.3845, 0.4017

Sweetspot

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



43.1939, 0.2306, 0.2983



87.1254, 0.2836, 0.3209



49.1478, 0.2946, 0.5036



18.2778, 0.2794, 0.3196



0.0000, 0.0000, 0.0000



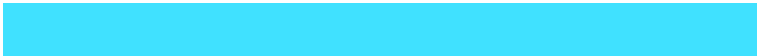
21.4041, 0.3127, 0.3290

Same Dimension

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



43.1939, 0.2306, 0.2983



61.9373, 0.2205, 0.2908



21.0622, 0.2069, 0.1952



13.0737, 0.2983, 0.3252



22.0508, 0.2106, 0.2780



1.3209, 0.2134, 0.2883

Inverse Universe

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



23.1451, 0.3440, 0.2044



30.3132, 0.3521, 0.1886



41.2410, 0.4339, 0.4293



11.9754, 0.3162, 0.3097



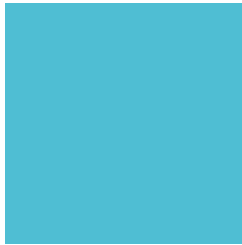
10.2973, 0.3653, 0.1786



0.5846, 0.3559, 0.1734

Previews

White Background



This preview shows how the Yxy color 43.1923, 0.2306, 0.2983 looks on a white background.

Color Contrast Check

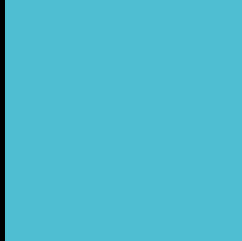
Large Text (above 18pt) WCAG AA × Fail

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 43.1923, 0.2306, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

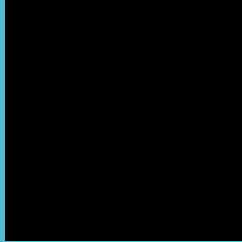
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1923, 0.2306, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 43.1923, 0.2306, 0.2983.



This preview shows how white text looks on a background with the Yxy color 43.1923, 0.2306, 0.2983.

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

43.1923, 0.2306, 0.2983

Protanopia

42.6033, 0.2889, 0.2934

Deuteranopia

42.6900, 0.2787, 0.2727



Tritanopia

43.2956, 0.2326, 0.3067

Trichromacy



Original Color

43.1923, 0.2306, 0.2983

Protanomaly

41.9182, 0.2620, 0.2942

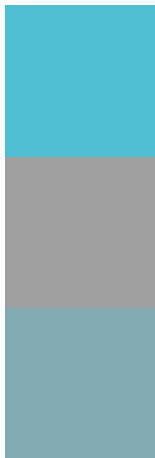
Deuteranomaly

42.0991, 0.2563, 0.2800

Tritanomaly

43.4354, 0.2320, 0.3039

Monochromacy



Original Color

43.1923, 0.2306, 0.2983

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.7096, 0.2729, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1923, 0.2306, 0.2983 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(79, 190, 211)` looks like.

```
.text, #text, p{  
    color:rgb(79, 190, 211)  
}
```

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(79, 190, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 190, 211) }
```

Border

The CSS property to change the border of an element to Yxy 43.1923, 0.2306, 0.2983 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(79, 190, 211) }
```

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

```
.border{ border-color:rgb(79, 190, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 190, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 190, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 190, 211);  
box-shadow:4px 4px 4px 4px rgb(79, 190,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1923, 0.2306, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 190, 211) }
```

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

```
.background{ background-color: rgb(79, 190,  
211) }
```

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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