

Converting Colors

$Yxy(43.4862, 0.2316, 0.3039)$

Have a look what the booklet for
Yxy(43.4862, 0.2316, 0.3039)
contains.

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Color

Yxy(43.3935, 0.2317, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	4DBFD0
RGB	77, 191, 208
RGB Percent	30%, 75%, 82%
CMY	0.6976, 0.2510, 0.1843
CMYK	0.63, 0.08, 0.00, 0.18
HSL	188°, 58%, 56%
HSV	188°, 63%, 82%
XYZ	33.0842, 43.3935, 66.3111
YIQ	158.8520, -73.4010, -18.8810

Conversions

Conversions Part 2

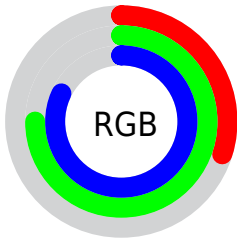
Format	Color
RYB	77, 138, 208
Decimal	5095376
CIELab	71.82, -26.82, -18.11
CIELCh	72, 32.362, 214.031
Yxy	43.3935, 0.2317, 0.3039
Android (android.graphics.Color)	4283285456 (0xFF4DBFD0)
YUV	158.8520, 24.2300, -71.7842
Hunter-Lab	65.8737, -25.6300, -13.5720

Details

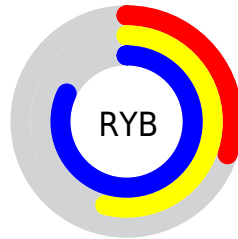
The Yxy color **43.3935, 0.2317, 0.3039** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **21.9788, 0.4981, 0.3490**, and the grayscale version is **34.5275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8438, 0.2502, 0.3209**, and **20.2244, 0.2151, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **41.4936, 0.2242, 0.2993**, and if you desaturate by 10%, it is **45.5951, 0.2411, 0.3084**.

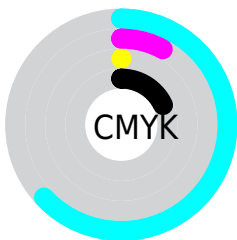
Distribution



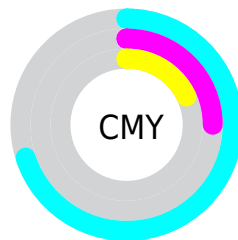
- Red (30%)
- Green (75%)
- Blue (82%)



- Red (30%)
- Yellow (54%)
- Blue (82%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (70%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3935, 0.2317, 0.3039 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 43.3935, 0.2317, 0.3039 by changing the saturation by 10% instead.


 43.3935, 0.2317,
0.3039


 43.3935, 0.2317,
0.3039


360.2275, 0.2714,
0.3177


 30.1940, 0.2221,
0.3001


 80.3043, 0.2459,
0.3092


 19.9859, 0.2101,
0.2950


 104.7844, 0.2513,
0.3111

 12.3848, 0.1945,
0.2880


 133.7935, 0.2559,
0.3127

 7.0063, 0.1737,
0.2777

 167.7160, 0.2598,
0.3140

 3.4660, 0.1449,
0.2614

206.9362, 0.2633,
0.3151

 1.3796, 0.0999,
0.2340

251.8386, 0.2663,

 0.2016, 0.0000,

0.3161

0.1128

302.8076, 0.2690,
0.3170

0.0000, 0.0000,
0.0000

43.3935, 0.2317,
0.3039

43.3935, 0.2317,
0.3039

41.4936, 0.2242,
0.2993

45.5951, 0.2411,
0.3084

39.8631, 0.2186,
0.2947

48.1175, 0.2521,
0.3128

38.4704, 0.2149,
0.2902

50.9836, 0.2647,
0.3170

37.5877, 0.2131,
0.2870

54.2131, 0.2784,
0.3210

57.8236, 0.2930,
0.3247

■ 61.8321, 0.3082,
0.3281

■ 66.2540, 0.3237,
0.3312

■ 71.1042, 0.3392,
0.3339

■ 74.5840, 0.3475,
0.3366

Harmonies

Analogous

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



43.3935, 0.2538, 0.3489



43.3935, 0.2317, 0.3039



43.3935, 0.2296, 0.2708

Triad

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



43.3935, 0.2317, 0.3039



43.3935, 0.3287, 0.2769



43.3935, 0.3789, 0.4059

Complementary

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



43.3935, 0.2317, 0.3039



21.9788, 0.4981, 0.3490

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.



43.3935, 0.4027, 0.3795



43.3935, 0.2317, 0.3039



43.3935, 0.3732, 0.3072

Square

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



43.3935, 0.2317, 0.3039



43.3935, 0.2826, 0.2584



43.3935, 0.4011, 0.3436



43.3935, 0.3380, 0.4120

Rectangle

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



43.3935, 0.2317, 0.3039



43.3935, 0.2393, 0.2586



43.3935, 0.4011, 0.3436



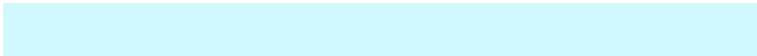
43.3935, 0.3892, 0.3988

Sweetspot

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



43.3951, 0.2317, 0.3039



87.9872, 0.2837, 0.3224



47.4782, 0.2966, 0.5106



18.4888, 0.2796, 0.3213



0.0000, 0.0000, 0.0000



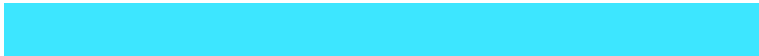
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3951, 0.2317, 0.3039



64.7026, 0.2218, 0.2975



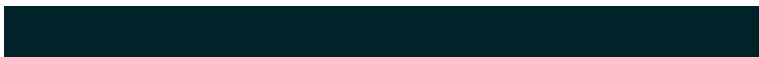
21.3925, 0.2081, 0.2016



13.1339, 0.2983, 0.3259



23.5254, 0.2133, 0.2877



1.3901, 0.2156, 0.2960

Inverse Universe

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



22.4972, 0.3394, 0.2005



30.3210, 0.3464, 0.1837



38.3462, 0.4382, 0.4248



11.9815, 0.3157, 0.3090



10.4462, 0.3564, 0.1737



0.5916, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 43.3935, 0.2317, 0.3039 looks on a white background.

Color Contrast Check

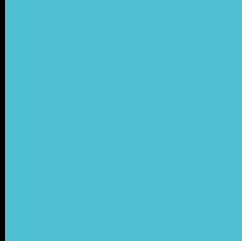
Large Text (above 18pt) WCAG AA × Fail

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 43.3935, 0.2317, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

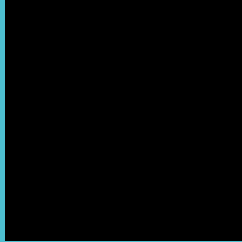
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3935, 0.2317, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 43.3935, 0.2317, 0.3039.



This preview shows how white text looks on a background with the Yxy color 43.3935, 0.2317, 0.3039.

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

43.3935, 0.2317, 0.3039

Protanopia

42.5763, 0.2920, 0.2973

Deuteranopia

42.7635, 0.2824, 0.2765



Tritanopia

43.3031, 0.2318, 0.3053

Trichromacy



Original Color

43.3935, 0.2317, 0.3039



Protanomaly

42.1779, 0.2641, 0.2996



Deuteranomaly

41.9472, 0.2581, 0.2838



Tritanomaly

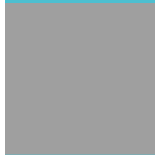
43.3031, 0.2318, 0.3053

Monochromacy



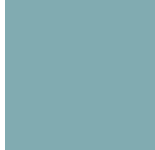
Original Color

43.3935, 0.2317, 0.3039



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

36.9673, 0.2730, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3935, 0.2317, 0.3039 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(77, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(77, 191, 208)  
}
```

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(77, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 191, 208) }
```

Border

The CSS property to change the border of an element to Yxy 43.3935, 0.2317, 0.3039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

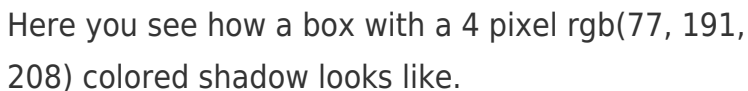
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 191, 208) }
```

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

```
.border{ border-color:rgb(77, 191, 208) }
```

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



Here you see how a box with a 4 pixel rgb(77, 191, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 191, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 191, 208); box-shadow:4px 4px 4px 4px rgb(77, 191, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3935, 0.2317, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 191, 208) }
```

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

```
.background{ background-color: rgb(77, 191,  
208) }
```

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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