

Converting Colors

$Y_{xy}(43.1754, 0.2492, 0.2958)$

Have a look what the booklet for
Yxy(43.1754, 0.2492, 0.2958)
contains.

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Color

Yxy(43.1739, 0.2496, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	77B9D0
RGB	119, 185, 208
RGB Percent	47%, 73%, 82%
CMY	0.5332, 0.2745, 0.1843
CMYK	0.43, 0.11, 0.00, 0.18
HSL	196°, 49%, 64%
HSV	196°, 43%, 82%
XYZ	36.3447, 43.1739, 66.0932
YIQ	167.8880, -46.7190, -6.8390

Conversions

Conversions Part 2

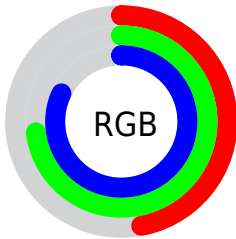
Format	Color
RYB	119, 157, 208
Decimal	7846352
CIELab	71.67, -14.99, -18.18
CIELCh	72, 23.561, 230.503
Yxy	43.1739, 0.2496, 0.2965
Android (android.graphics.Color)	4286036432 (0xFF77B9D0)
YUV	167.8880, 19.7752, -42.8748
Hunter-Lab	65.7068, -16.2525, -13.6438

Details

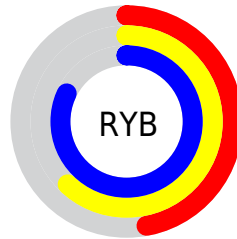
The Yxy color **43.1739, 0.2496, 0.2965** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0992, 0.4103, 0.3585**, and the grayscale version is **39.0224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2446, 0.2658, 0.3135**, and **19.8924, 0.2319, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **39.6532, 0.2370, 0.2874**, and if you desaturate by 10%, it is **47.1051, 0.2634, 0.3051**.

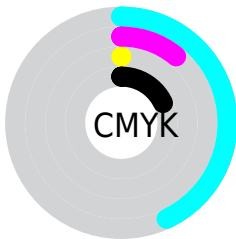
Distribution



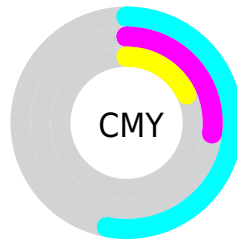
- Red (47%)
- Green (73%)
- Blue (82%)



- Red (47%)
- Yellow (62%)
- Blue (82%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)





- Cyan (53%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1739, 0.2496, 0.2965 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 43.1739, 0.2496, 0.2965 by changing the saturation by 10% instead.


 43.1739, 0.2496,
0.2965


 43.1739, 0.2496,
0.2965


359.3264, 0.2808,
0.3135

 30.0216, 0.2420,
0.2921


 79.9732, 0.2608,
0.3028

 19.8550, 0.2323,
0.2863


 104.3890, 0.2651,
0.3051

 12.2897, 0.2197,
0.2785


 133.3281, 0.2687,
0.3071

 6.9413, 0.2025,
0.2674

167.1748, 0.2718,
0.3087

 3.4254, 0.1780,
0.2504

206.3136, 0.2745,
0.3102

 1.3576, 0.1411,
0.2221

251.1289, 0.2768,

 0.1852, 0.0000,

0.3114

0.1057

302.0051, 0.2789,
0.3125

0.0000, 0.0000,
0.0000

43.1739, 0.2496,
0.2965

43.1739, 0.2496,
0.2965

39.6532, 0.2370,
0.2874

47.1051, 0.2634,
0.3051

36.5158, 0.2259,
0.2780

51.4621, 0.2780,
0.3131

33.7387, 0.2165,
0.2684

56.2652, 0.2931,
0.3205

31.2937, 0.2091,
0.2587

61.5319, 0.3085,
0.3272

29.1467, 0.2036,
0.2491

67.2784, 0.3237,
0.3333

■ 27.7389, 0.2006,
0.2422

■ 73.5204, 0.3387,
0.3388

■ 78.3997, 0.3462,
0.3439

■ 81.3133, 0.3452,
0.3492

■ 84.3190, 0.3443,
0.3545

Harmonies

Analogous

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



43.1739, 0.2584, 0.3257



43.1739, 0.2496, 0.2965



43.1739, 0.2564, 0.2783

Triad

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



43.1739, 0.2496, 0.2965



43.1739, 0.3433, 0.3019



43.1739, 0.3464, 0.3894

Complementary

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



43.1739, 0.2496, 0.2965



34.0992, 0.4103, 0.3585

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.



43.1739, 0.3712, 0.3788



43.1739, 0.2496, 0.2965



43.1739, 0.3698, 0.3282

Square

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



43.1739, 0.2496, 0.2965



43.1739, 0.3091, 0.2825



43.1739, 0.3802, 0.3559



43.1739, 0.3134, 0.3823

Rectangle

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



43.1739, 0.2496, 0.2965



43.1739, 0.2691, 0.2737



43.1739, 0.3802, 0.3559



43.1739, 0.3561, 0.3877

Sweetspot

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



43.1756, 0.2496, 0.2965



88.8987, 0.2926, 0.3202



50.9683, 0.2934, 0.4274



18.6519, 0.2892, 0.3186



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.



43.1756, 0.2496, 0.2965



63.4874, 0.2384, 0.2885



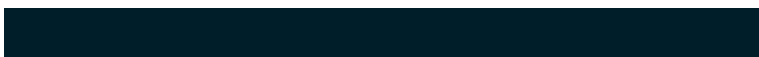
27.6088, 0.2387, 0.2307



12.8681, 0.2983, 0.3228



17.4513, 0.2010, 0.2435



1.1000, 0.2059, 0.2611

Inverse Universe

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



30.1139, 0.3419, 0.2488



41.1550, 0.3500, 0.2336



49.7595, 0.3865, 0.4105



11.9547, 0.3177, 0.3119



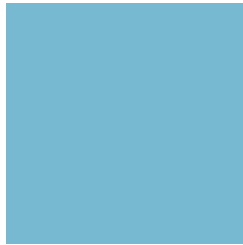
9.8330, 0.3987, 0.1970



0.5623, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 43.1739, 0.2496, 0.2965 looks on a white background.

Color Contrast Check

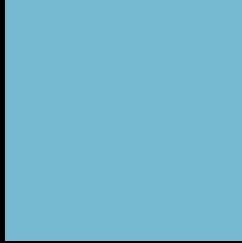
Large Text (above 18pt) WCAG AA × Fail

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 43.1739, 0.2496, 0.2965 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 43.1739, 0.2496, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 43.1739, 0.2496, 0.2965.



This preview shows how white text looks on a background with the Yxy color 43.1739, 0.2496, 0.2965.

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

43.1739, 0.2496, 0.2965

Protanopia

42.6033, 0.2889, 0.2934

Deuteranopia

42.8276, 0.2839, 0.2778



Tritanopia

43.1168, 0.2526, 0.3074

Trichromacy



Original Color

43.1739, 0.2496, 0.2965

Protanomaly

42.3354, 0.2723, 0.2936

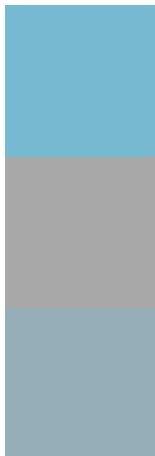
Deuteranomaly

42.5738, 0.2697, 0.2836

Tritanomaly

43.3290, 0.2515, 0.3033

Monochromacy



Original Color

43.1739, 0.2496, 0.2965

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.1750, 0.2853, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1739, 0.2496, 0.2965 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(119, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(119, 185, 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(119, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 185, 208) }
```

Border

The CSS property to change the border of an element to Yxy 43.1739, 0.2496, 0.2965 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(119, 185, 208) }
```

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

```
.border{ border-color:rgb(119, 185, 208) }
```

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

Here you see how a box with a 4 pixel rgb(119, 185, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(119, 185,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1739, 0.2496, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 185, 208) }
```

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

```
.background{ background-color: rgb(119,  
185, 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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