

Converting Colors

Yxy(50.9594, 0.2788, 0.3101)

Have a look what the booklet for
Yxy(50.9594, 0.2788, 0.3101)
contains.

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Color

Yxy(50.9736, 0.2789, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	A3C2D1
RGB	163, 194, 209
RGB Percent	64%, 76%, 82%
CMY	0.3604, 0.2393, 0.1803
CMYK	0.22, 0.07, 0.00, 0.18
HSL	200°, 33%, 73%
HSV	200°, 22%, 82%
XYZ	45.9190, 50.9736, 67.7508
YIQ	186.4410, -23.2910, -1.9070

Conversions

Conversions Part 2

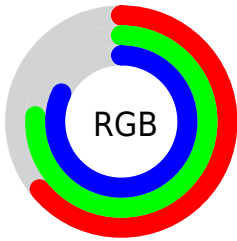
Format	Color
RYB	163, 182, 209
Decimal	10732241
CIELab	76.66, -7.08, -10.98
CIELCh	77, 13.064, 237.201
Yxy	50.9736, 0.2789, 0.3096
Android (android.graphics.Color)	4288922321 (0xFFA3C2D1)
YUV	186.4410, 11.1216, -20.5578
Hunter-Lab	71.3958, -10.1383, -6.2860

Details

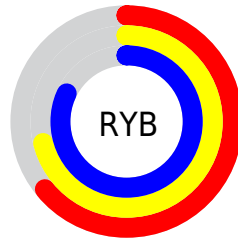
The Yxy color **50.9736, 0.2789, 0.3096** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0944, 0.3532, 0.3476**, and the grayscale version is **49.3188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6513, 0.2910, 0.3239**, and **24.4377, 0.2691, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **45.9717, 0.2638, 0.2994**, and if you desaturate by 10%, it is **56.4846, 0.2943, 0.3190**.

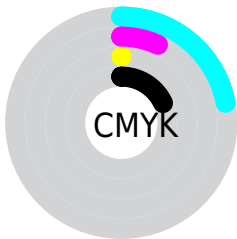
Distribution



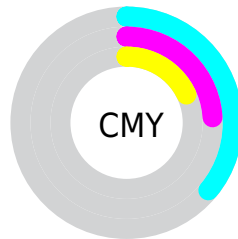
- Red (64%)
- Green (76%)
- Blue (82%)



- Red (64%)
- Yellow (71%)
- Blue (82%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9736, 0.2789, 0.3096 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 50.9736, 0.2789, 0.3096 by changing the saturation by 10% instead.

■ 50.9736, 0.2789,
0.3096

■ 50.9736, 0.2789,
0.3096

■ 390.4612, 0.2954,
0.3193

■ 36.1876, 0.2749,
0.3072

■ 91.6157, 0.2848,
0.3131

■ 24.5791, 0.2699,
0.3041

■ 118.2407, 0.2870,
0.3144

■ 15.7638, 0.2633,
0.3000

■ 149.5807, 0.2889,
0.3156

■ 9.3571, 0.2544,
0.2943

■ 186.0202, 0.2906,
0.3165

■ 4.9749, 0.2416,
0.2859

■ 227.9437, 0.2920,
0.3174

■ 2.2325, 0.2217,
0.2723

■ 275.7354, 0.2933,

■ 0.7376, 0.1777,

0.3181

0.2481

329.7798, 0.2944,
0.3187

0.0000, 0.0000,
0.0000

50.9736, 0.2789,
0.3096

50.9736, 0.2789,
0.3096

45.9717, 0.2638,
0.2994

56.4846, 0.2943,
0.3190

41.4529, 0.2492,
0.2884

62.5170, 0.3097,
0.3274

37.3979, 0.2357,
0.2768

69.0902, 0.3248,
0.3350

33.7836, 0.2234,
0.2646

76.2208, 0.3395,
0.3418

30.5841, 0.2129,
0.2522

81.4569, 0.3445,
0.3484

■ 27.7700, 0.2043,
0.2396

■ 85.3005, 0.3433,
0.3551

■ 25.3065, 0.1978,
0.2272

■ 89.2948, 0.3421,
0.3617

■ 23.5357, 0.1937,
0.2174

■ 93.4415, 0.3410,
0.3682

■ 97.3843, 0.3400,
0.3740

Harmonies

Analogous

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



50.9736, 0.2819, 0.3241



50.9736, 0.2789, 0.3096



50.9736, 0.2846, 0.3008

Triad

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



50.9736, 0.2789, 0.3096



50.9736, 0.3324, 0.3176



50.9736, 0.3272, 0.3602

Complementary

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



50.9736, 0.2789, 0.3096



48.0944, 0.3532, 0.3476

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.



50.9736, 0.3413, 0.3574



50.9736, 0.2789, 0.3096



50.9736, 0.3445, 0.3325

Square

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



50.9736, 0.2789, 0.3096



50.9736, 0.3152, 0.3057



50.9736, 0.3477, 0.3471



50.9736, 0.3095, 0.3540

Rectangle

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



50.9736, 0.2789, 0.3096



50.9736, 0.2927, 0.2992



50.9736, 0.3477, 0.3471



50.9736, 0.3325, 0.3602

Sweetspot

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



50.9757, 0.2789, 0.3096



93.0988, 0.3019, 0.3232



56.6047, 0.3002, 0.3701



19.8038, 0.3009, 0.3227



0.0000, 0.0000, 0.0000



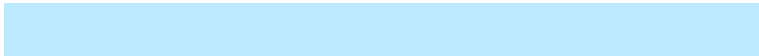
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9757, 0.2789, 0.3096



76.4469, 0.2723, 0.3053



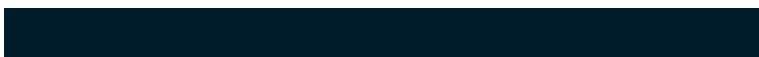
41.7177, 0.2767, 0.2796



12.7276, 0.2983, 0.3212



14.6953, 0.1942, 0.2191



0.9631, 0.2005, 0.2417

Inverse Universe

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



43.6771, 0.3283, 0.2918



63.4265, 0.3321, 0.2842



57.7908, 0.3476, 0.3740



11.9405, 0.3187, 0.3135



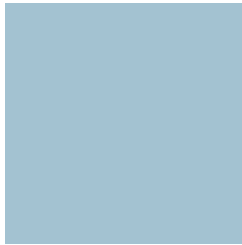
9.5548, 0.4242, 0.2110



0.5485, 0.4006, 0.1981

Previews

White Background



This preview shows how the Yxy color 50.9736, 0.2789, 0.3096 looks on a white background.

Color Contrast Check

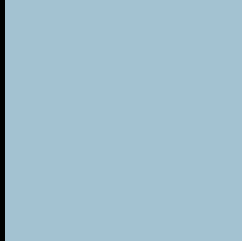
Large Text (above 18pt) WCAG AA × Fail

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 50.9736, 0.2789, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

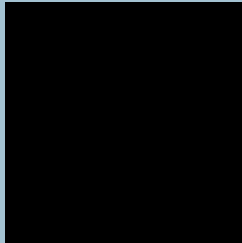
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

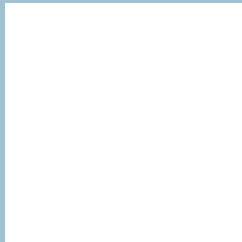
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9736, 0.2789, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 50.9736, 0.2789, 0.3096.



This preview shows how white text looks on a background with the Yxy color 50.9736, 0.2789, 0.3096.

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

50.9736, 0.2789, 0.3096

Protanopia

50.9390, 0.2992, 0.3079

Deuteranopia

50.8544, 0.3028, 0.2966



Tritanopia

50.9736, 0.2789, 0.3096

Trichromacy



Original Color

50.9736, 0.2789, 0.3096

Protanomaly

50.7481, 0.2916, 0.3088

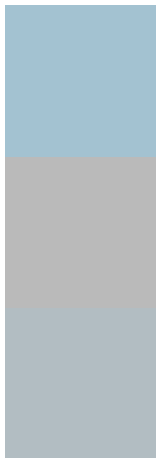
Deuteranomaly

50.9339, 0.2941, 0.3018

Tritanomaly

50.9736, 0.2789, 0.3096

Monochromacy



Original Color

50.9736, 0.2789, 0.3096

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7552, 0.3001, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9736, 0.2789, 0.3096 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(163, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 209)  
}
```

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(163, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.9736, 0.2789, 0.3096 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(163, 194, 209) }
```

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

```
.border{ border-color:rgb(163, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9736, 0.2789, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 209) }
```

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

```
.background{ background-color: rgb(163,  
194, 209) }
```

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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