

Converting Colors

$Y_{xy}(39.8658, 0.2684, 0.2989)$

Have a look what the booklet for
Yxy(39.8658, 0.2684, 0.2989)
contains.

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Color

Yxy(39.7012, 0.2684, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	8BAEC3
RGB	139, 174, 195
RGB Percent	55%, 68%, 76%
CMY	0.4551, 0.3176, 0.2353
CMYK	0.29, 0.11, 0.00, 0.24
HSL	202°, 32%, 65%
HSV	202°, 29%, 76%
XYZ	35.6262, 39.7012, 57.4081
YIQ	165.9290, -27.6010, -0.8890

Conversions

Conversions Part 2

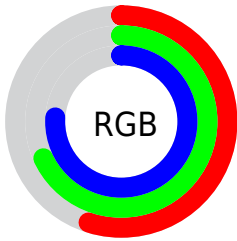
Format	Color
RYB	139, 161, 195
Decimal	9154243
CIELab	69.26, -6.98, -14.58
CIElCh	69, 16.162, 244.428
Yxy	39.7012, 0.2684, 0.2991
Android (android.graphics.Color)	4287344323 (0xFF8BAEC3)
YUV	165.9290, 14.3320, -23.6167
Hunter-Lab	63.0089, -9.3388, -9.9136

Details

The Yxy color **39.7012, 0.2684, 0.2991** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5780, 0.3676, 0.3570**, and the grayscale version is **38.0328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5362, 0.2766, 0.3039**, and **17.8684, 0.2557, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **35.4282, 0.2533, 0.2868**, and if you desaturate by 10%, it is **44.4299, 0.2839, 0.3105**.

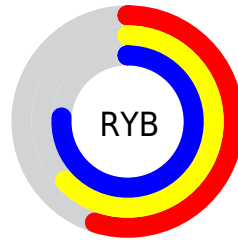
Distribution



Red (55%)

Green (68%)

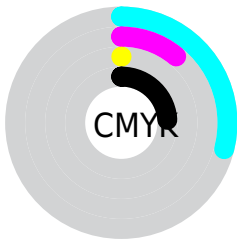
Blue (76%)



Red (55%)

Yellow (63%)

Blue (76%)

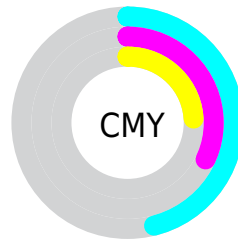


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7012, 0.2684, 0.2991 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 39.7012, 0.2684, 0.2991 by changing the saturation by 10% instead.

■ 39.7012, 0.2684,
0.2991

■ 39.7012, 0.2684,
0.2991

■ 344.8626, 0.2908,
0.3146

■ 27.3057, 0.2627,
0.2951

■ 74.7083, 0.2766,
0.3049

■ 17.8029, 0.2554,
0.2898

■ 98.0886, 0.2797,
0.3070

■ 10.8086, 0.2457,
0.2826

■ 125.8994, 0.2822,
0.3088

■ 5.9383, 0.2320,
0.2723

■ 158.5249, 0.2845,
0.3103

■ 2.8076, 0.2116,
0.2564

■ 196.3495, 0.2864,
0.3116

■ 1.0321, 0.1783,
0.2289

■ 239.7578, 0.2880,

■ 0.0000, 0.0000,

0.3127

0.0000

289.1340, 0.2895,
0.3137

■ 39.7012, 0.2684,
0.2991

■ 39.7012, 0.2684,
0.2991

■ 35.4282, 0.2533,
0.2868

■ 44.4299, 0.2839,
0.3105

■ 31.5878, 0.2389,
0.2737

■ 49.6267, 0.2994,
0.3208

■ 28.1617, 0.2255,
0.2599

■ 55.3091, 0.3146,
0.3301

■ 25.1282, 0.2137,
0.2456

■ 61.4924, 0.3294,
0.3385

■ 22.4626, 0.2038,
0.2311

■ 68.1910, 0.3437,
0.3459

■ 20.1367, 0.1959,
0.2168

■ 75.2394, 0.3565,
0.3524

■ 18.1051, 0.1899,
0.2028

■ 79.1035, 0.3549,
0.3597

■ 17.8623, 0.1892,
0.2010

■ 83.1362, 0.3532,
0.3668

■ 87.3396, 0.3516,
0.3738

Harmonies

Analogous

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



39.7012, 0.2696, 0.3169



39.7012, 0.2684, 0.2991



39.7012, 0.2785, 0.2900

Triad

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



39.7012, 0.2684, 0.2991



39.7012, 0.3440, 0.3182



39.7012, 0.3264, 0.3704

Complementary

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



39.7012, 0.2684, 0.2991



38.5780, 0.3676, 0.3570

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.



39.7012, 0.3472, 0.3691



39.7012, 0.2684, 0.2991



39.7012, 0.3578, 0.3383

Square

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



39.7012, 0.2684, 0.2991



39.7012, 0.3218, 0.3013



39.7012, 0.3590, 0.3569



39.7012, 0.3025, 0.3593

Rectangle

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



39.7012, 0.2684, 0.2991



39.7012, 0.2906, 0.2896



39.7012, 0.3590, 0.3569



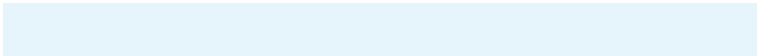
39.7012, 0.3340, 0.3713

Sweetspot

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



39.7028, 0.2684, 0.2991



88.5045, 0.2987, 0.3204



47.0306, 0.2948, 0.3803



19.0685, 0.2965, 0.3189



0.0000, 0.0000, 0.0000



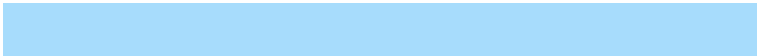
21.4041, 0.3127, 0.3290

Same Dimension

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



39.7028, 0.2684, 0.2991



66.5889, 0.2596, 0.2921



30.1123, 0.2641, 0.2579



10.7744, 0.2984, 0.3202



11.7766, 0.1897, 0.2029



0.6376, 0.1984, 0.2342

Inverse Universe

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



33.1080, 0.3369, 0.2833



53.4615, 0.3433, 0.2739



49.2238, 0.3580, 0.3913



10.1815, 0.3194, 0.3147



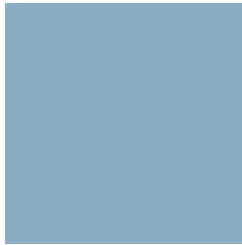
8.4711, 0.4420, 0.2209



0.3790, 0.4082, 0.2023

Previews

White Background



This preview shows how the Yxy color 39.7012, 0.2684, 0.2991 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 39.7012, 0.2684, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

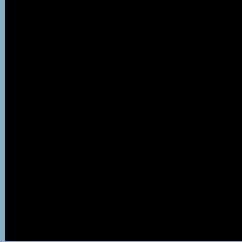
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

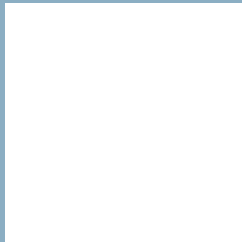
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7012, 0.2684, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 39.7012, 0.2684, 0.2991.



This preview shows how white text looks on a background with the Yxy color 39.7012, 0.2684, 0.2991.

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

39.7012, 0.2684, 0.2991

Protanopia

39.3984, 0.2913, 0.2962

Deuteranopia

39.5994, 0.2917, 0.2864



Tritanopia

39.7373, 0.2719, 0.3088

Trichromacy



Original Color

39.7012, 0.2684, 0.2991

Protanomaly

39.6231, 0.2832, 0.2985

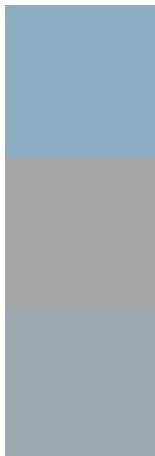
Deuteranomaly

39.3617, 0.2825, 0.2906

Tritanomaly

39.8248, 0.2706, 0.3060

Monochromacy



Original Color

39.7012, 0.2684, 0.2991

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.6182, 0.2947, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7012, 0.2684, 0.2991 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(139, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 174, 195)  
}
```

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(139, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 174, 195) }
```

Border

The CSS property to change the border of an element to Yxy 39.7012, 0.2684, 0.2991 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(139, 174, 195) }
```

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

```
.border{ border-color:rgb(139, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(139, 174,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7012, 0.2684, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 174, 195) }
```

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

```
.background{ background-color: rgb(139,  
174, 195) }
```

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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