

Converting Colors

$Yxy(42.6613, 0.2750, 0.3035)$

Have a look what the booklet for
Yxy(42.6613, 0.2750, 0.3035)
contains.

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Color

Yxy(42.6610, 0.2751, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	95B3C5
RGB	149, 179, 197
RGB Percent	58%, 70%, 77%
CMY	0.4157, 0.2980, 0.2274
CMYK	0.24, 0.09, 0.00, 0.23
HSL	203°, 29%, 68%
HSV	203°, 24%, 77%
XYZ	38.5927, 42.6610, 59.0324
YIQ	172.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

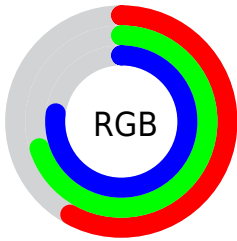
Format	Color
RYB	149, 167, 197
Decimal	9810885
CIELab	71.32, -6.15, -12.52
CIElCh	71, 13.952, 243.844
Yxy	42.6610, 0.2751, 0.3041
Android (android.graphics.Color)	4288000965 (0xFF95B3C5)
YUV	172.0820, 12.2846, -20.2429
Hunter-Lab	65.3154, -8.8322, -7.8658

Details

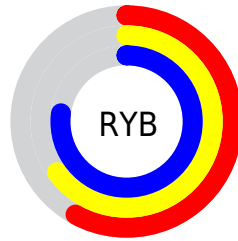
The Yxy color **42.6610, 0.2751, 0.3041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6814, 0.3576, 0.3526**, and the grayscale version is **41.2448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4098, 0.2819, 0.3088**, and **19.4463, 0.2644, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **38.0805, 0.2598, 0.2922**, and if you desaturate by 10%, it is **47.7171, 0.2906, 0.3151**.

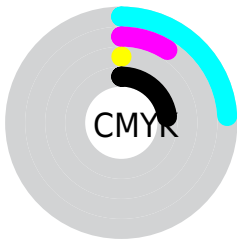
Distribution



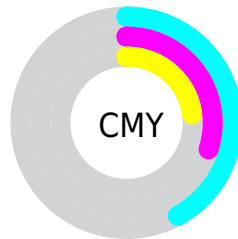
- Red (58%)
- Green (70%)
- Blue (77%)



- Red (58%)
- Yellow (65%)
- Blue (77%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)





- Cyan (42%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6610, 0.2751, 0.3041 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 42.6610, 0.2751, 0.3041 by changing the saturation by 10% instead.

 42.6610, 0.2751,
0.3041

 42.6610, 0.2751,
0.3041


357.2158, 0.2940,
0.3169

 29.6192, 0.2704,
0.3008


 79.1990, 0.2820,
0.3088

 19.5497, 0.2643,
0.2966


 103.4641, 0.2845,
0.3106

 12.0682, 0.2563,
0.2908


132.2390, 0.2867,
0.3120

 6.7901, 0.2451,
0.2826

165.9083, 0.2886,
0.3133

 3.3312, 0.2284,
0.2701

204.8561, 0.2902,
0.3144

 1.3070, 0.2014,
0.2489

249.4671, 0.2916,

 0.1466, 0.0000,

0.3153

0.1239

300.1255, 0.2929,
0.3161

0.0000, 0.0000,
0.0000

42.6610, 0.2751,
0.3041

42.6610, 0.2751,
0.3041

38.0805, 0.2598,
0.2922

47.7171, 0.2906,
0.3151

33.9523, 0.2450,
0.2793

53.2608, 0.3061,
0.3250

30.2585, 0.2311,
0.2658

59.3098, 0.3212,
0.3339

26.9774, 0.2186,
0.2516

65.8794, 0.3357,
0.3418

24.0854, 0.2078,
0.2372

72.9841, 0.3497,
0.3489

■ 21.5552, 0.1989,
0.2227

■ 78.2495, 0.3538,
0.3559

■ 19.3543, 0.1922,
0.2085

■ 82.2928, 0.3522,
0.3631

■ 18.2280, 0.1891,
0.2006

■ 86.5106, 0.3506,
0.3703

■ 90.9051, 0.3491,
0.3772

Harmonies

Analogous

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



42.6610, 0.2763, 0.3193



42.6610, 0.2751, 0.3041



42.6610, 0.2835, 0.2961

Triad

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



42.6610, 0.2751, 0.3041



42.6610, 0.3388, 0.3196



42.6610, 0.3248, 0.3638

Complementary

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



42.6610, 0.2751, 0.3041



41.6814, 0.3576, 0.3526

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.



42.6610, 0.3421, 0.3627



42.6610, 0.2751, 0.3041



42.6610, 0.3505, 0.3367

Square

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



42.6610, 0.2751, 0.3041



42.6610, 0.3200, 0.3052



42.6610, 0.3517, 0.3525



42.6610, 0.3046, 0.3547

Rectangle

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



42.6610, 0.2751, 0.3041



42.6610, 0.2937, 0.2955



42.6610, 0.3517, 0.3525



42.6610, 0.3311, 0.3645

Sweetspot

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



42.6627, 0.2751, 0.3041



92.5729, 0.3019, 0.3224



49.1039, 0.2973, 0.3715



19.6819, 0.3009, 0.3218



0.0000, 0.0000, 0.0000



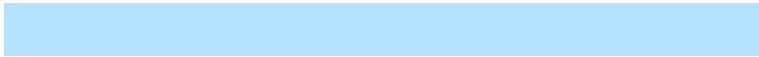
21.4041, 0.3127, 0.3290

Same Dimension

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



42.6627, 0.2751, 0.3041



72.1324, 0.2673, 0.2982



33.9957, 0.2722, 0.2701



11.3731, 0.2984, 0.3201



12.1521, 0.1896, 0.2025



0.7113, 0.1977, 0.2318

Inverse Universe

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



36.6201, 0.3325, 0.2905



59.8887, 0.3378, 0.2822



51.1351, 0.3509, 0.3817



10.7465, 0.3194, 0.3147



8.7668, 0.4425, 0.2211



0.4288, 0.4108, 0.2036

Previews

White Background



This preview shows how the Yxy color 42.6610, 0.2751, 0.3041 looks on a white background.

Color Contrast Check

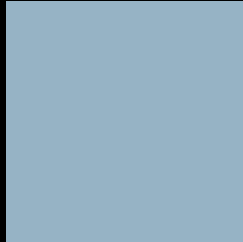
Large Text (above 18pt) WCAG AA × Fail

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 42.6610, 0.2751, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

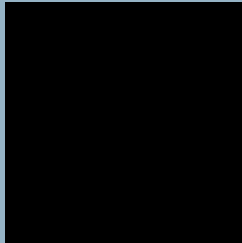
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

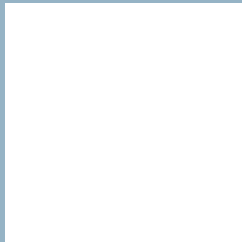
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6610, 0.2751, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 42.6610, 0.2751, 0.3041.



This preview shows how white text looks on a background with the Yxy color 42.6610, 0.2751, 0.3041.

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

42.6610, 0.2751, 0.3041

Protanopia

42.5081, 0.2958, 0.3024

Deuteranopia

42.5763, 0.2979, 0.2915



Tritanopia

42.8335, 0.2765, 0.3095

Trichromacy



Original Color

42.6610, 0.2751, 0.3041

Protanomaly

42.4475, 0.2886, 0.3034

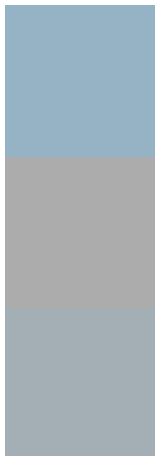
Deuteranomaly

42.3994, 0.2896, 0.2958

Tritanomaly

42.8785, 0.2759, 0.3082

Monochromacy



Original Color

42.6610, 0.2751, 0.3041

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8887, 0.2984, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6610, 0.2751, 0.3041 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(149, 179, 197)` looks like.

```
.text, #text, p{  
    color:rgb(149, 179, 197)  
}
```

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(149, 179, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 179, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.6610, 0.2751, 0.3041 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(149, 179, 197) }
```

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

```
.border{ border-color:rgb(149, 179, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 179, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 179, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 179, 197);  
box-shadow:4px 4px 4px 4px rgb(149, 179,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6610, 0.2751, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 179, 197) }
```

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

```
.background{ background-color: rgb(149,  
179, 197) }
```

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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