

Converting Colors

Yxy(38.8528, 0.2615, 0.2936)

Have a look what the booklet for
Yxy(38.8528, 0.2615, 0.2936)
contains.

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Color

Yxy(38.8699, 0.2613, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	84ADC6
RGB	132, 173, 198
RGB Percent	52%, 68%, 78%
CMY	0.4823, 0.3216, 0.2236
CMYK	0.33, 0.13, 0.00, 0.22
HSL	203°, 37%, 65%
HSV	203°, 33%, 78%
XYZ	34.6527, 38.8699, 59.0939
YIQ	163.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

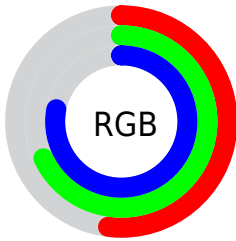
Format	Color
RYB	132, 157, 198
Decimal	8695238
CIELab	68.66, -7.71, -17.18
CIELCh	69, 18.829, 245.836
Yxy	38.8699, 0.2613, 0.2931
Android (android.graphics.Color)	4286885318 (0xFF84ADC6)
YUV	163.5910, 16.9636, -27.7053
Hunter-Lab	62.3457, -9.8920, -12.5556

Details

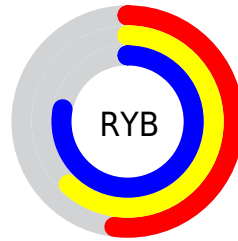
The Yxy color **38.8699, 0.2613, 0.2931** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.7852, 0.3787, 0.3621**, and the grayscale version is **36.8515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2716, 0.2708, 0.2993**, and **17.3938, 0.2468, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **34.6280, 0.2464, 0.2802**, and if you desaturate by 10%, it is **43.5792, 0.2767, 0.3051**.

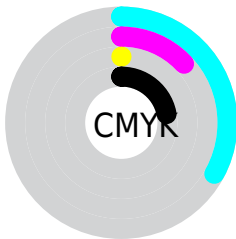
Distribution



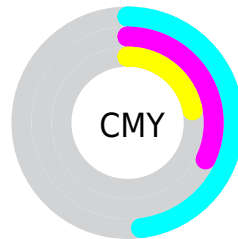
- Red (52%)
- Green (68%)
- Blue (78%)



- Red (52%)
- Yellow (62%)
- Blue (78%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8699, 0.2613, 0.2931 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 38.8699, 0.2613, 0.2931 by changing the saturation by 10% instead.

■ 38.8699, 0.2613,
0.2931

■ 38.8699, 0.2613,
0.2931

■ 341.3370, 0.2873,
0.3118

■ 26.6585, 0.2547,
0.2882

■ 73.4395, 0.2708,
0.3000

■ 17.3169, 0.2463,
0.2819

■ 96.5666, 0.2744,
0.3026

■ 10.4607, 0.2351,
0.2733

■ 124.1010, 0.2774,
0.3047

■ 5.7055, 0.2194,
0.2609

■ 156.4271, 0.2799,
0.3066

■ 2.6668, 0.1961,
0.2419

■ 193.9294, 0.2821,
0.3081

■ 0.9604, 0.1579,
0.2098

■ 236.9922, 0.2841,

■ 0.0000, 0.0000,

0.3095

0.0000

286.0000, 0.2858,
0.3107

■ 38.8699, 0.2613,
0.2931

■ 38.8699, 0.2613,
0.2931

■ 34.6280, 0.2464,
0.2802

■ 43.5792, 0.2767,
0.3051

■ 30.8290, 0.2324,
0.2666

■ 48.7697, 0.2923,
0.3160

■ 27.4530, 0.2196,
0.2523

■ 54.4601, 0.3077,
0.3259

■ 24.4760, 0.2086,
0.2377

■ 60.6668, 0.3227,
0.3348

■ 21.8708, 0.1995,
0.2231

■ 67.4050, 0.3372,
0.3428

■ 19.6051, 0.1925,
0.2087

■ 74.6896, 0.3511,
0.3498

■ 18.2431, 0.1887,
0.1993

■ 79.4531, 0.3527,
0.3570

■ 83.6087, 0.3511,
0.3643

■ 87.9447, 0.3495,
0.3715

Harmonies

Analogous

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



38.8699, 0.2620, 0.3134



38.8699, 0.2613, 0.2931



38.8699, 0.2735, 0.2833

Triad

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



38.8699, 0.2613, 0.2931



38.8699, 0.3505, 0.3174



38.8699, 0.3273, 0.3776

Complementary

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



38.8699, 0.2613, 0.2931



37.7852, 0.3787, 0.3621

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.



38.8699, 0.3522, 0.3764



38.8699, 0.2613, 0.2931



38.8699, 0.3662, 0.3407

Square

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



38.8699, 0.2613, 0.2931



38.8699, 0.3246, 0.2975



38.8699, 0.3667, 0.3623



38.8699, 0.2993, 0.3639

Rectangle

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



38.8699, 0.2613, 0.2931



38.8699, 0.2878, 0.2833



38.8699, 0.3667, 0.3623



38.8699, 0.3363, 0.3788

Sweetspot

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



38.8714, 0.2613, 0.2931



89.4725, 0.2972, 0.3193



47.6965, 0.2922, 0.3900



18.8501, 0.2950, 0.3178



0.0000, 0.0000, 0.0000



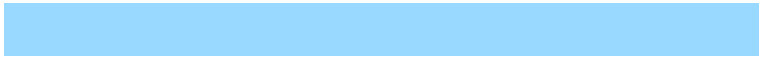
21.4041, 0.3127, 0.3290

Same Dimension

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



38.8714, 0.2613, 0.2931



63.2933, 0.2504, 0.2838



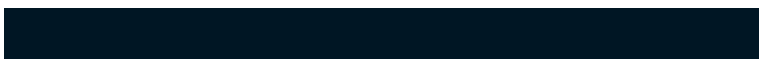
27.9782, 0.2552, 0.2444



11.3665, 0.2984, 0.3200



12.0349, 0.1892, 0.2012



0.7062, 0.1975, 0.2308

Inverse Universe

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



31.5284, 0.3423, 0.2761



49.0194, 0.3511, 0.2645



50.1479, 0.3657, 0.4014



10.7459, 0.3194, 0.3147



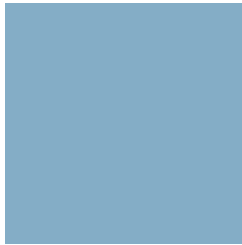
8.7549, 0.4440, 0.2219



0.4283, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 38.8699, 0.2613, 0.2931 looks on a white background.

Color Contrast Check

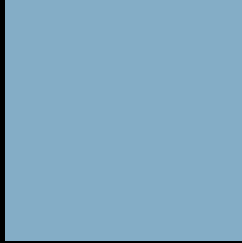
Large Text (above 18pt) WCAG AA × Fail

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 38.8699, 0.2613, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

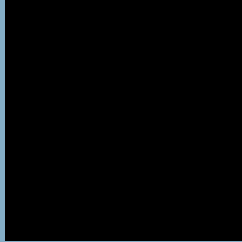
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

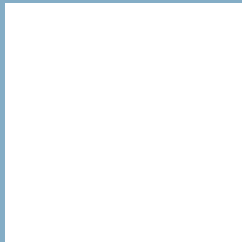
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8699, 0.2613, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 38.8699, 0.2613, 0.2931.



This preview shows how white text looks on a background with the Yxy color 38.8699, 0.2613, 0.2931.

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

38.8699, 0.2613, 0.2931

Protanopia

38.8041, 0.2872, 0.2920

Deuteranopia

38.5800, 0.2858, 0.2795



Tritanopia

39.0799, 0.2661, 0.3084

Trichromacy



Original Color

38.8699, 0.2613, 0.2931

Protanomaly

38.8954, 0.2769, 0.2927

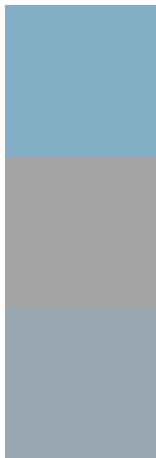
Deuteranomaly

38.6310, 0.2762, 0.2849

Tritanomaly

38.9032, 0.2647, 0.3027

Monochromacy



Original Color

38.8699, 0.2613, 0.2931

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4474, 0.2919, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8699, 0.2613, 0.2931 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(132, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(132, 173, 198)  
}
```

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(132, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 173, 198) }
```

Border

The CSS property to change the border of an element to Yxy 38.8699, 0.2613, 0.2931 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(132, 173, 198) }
```

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

```
.border{ border-color:rgb(132, 173, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 173, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(132, 173,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8699, 0.2613, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 173, 198) }
```

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

```
.background{ background-color: rgb(132,  
173, 198) }
```

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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