

Converting Colors

$Yxy(38.5549, 0.2680, 0.2947)$

Have a look what the booklet for
Yxy(38.5549, 0.2680, 0.2947)
contains.

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Color

Yxy(38.5549, 0.2680, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	8BABC3
RGB	139, 171, 195
RGB Percent	55%, 67%, 76%
CMY	0.4548, 0.3294, 0.2354
CMYK	0.29, 0.12, 0.00, 0.24
HSL	206°, 32%, 65%
HSV	206°, 29%, 76%
XYZ	35.0618, 38.5549, 57.2109
YIQ	164.1680, -26.7760, 0.6800

Conversions

Conversions Part 2

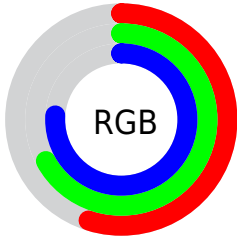
Format	Color
R _{YB}	139, 159, 195
Decimal	9153475
CIE Lab	68.43, -5.32, -15.82
CIE LCh	68, 16.693, 251.419
Yxy	38.5549, 0.2680, 0.2947
Android (android.graphics.Color)	4287343555 (0xFF8BABC3)
YUV	164.1680, 15.2002, -22.0723
Hunter-Lab	62.0926, -7.8685, -11.1638

Details

The Yxy color **38.5549, 0.2680, 0.2947** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.6610, 0.3664, 0.3609**, and the grayscale version is **37.1468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8903, 0.2763, 0.3005**, and **17.1430, 0.2548, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **33.9669, 0.2524, 0.2805**, and if you desaturate by 10%, it is **43.6450, 0.2838, 0.3078**.

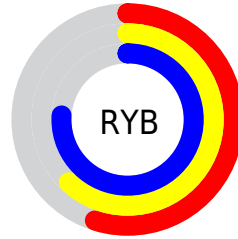
Distribution



Red (55%)

Green (67%)

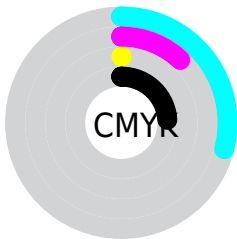
Blue (76%)



Red (55%)

Yellow (62%)

Blue (76%)

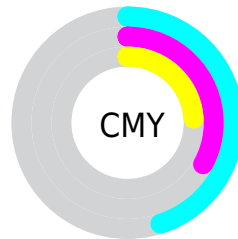


Cyan (29%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (45%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5549, 0.2680, 0.2947 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 38.5549, 0.2680, 0.2947 by changing the saturation by 10% instead.


 38.5549, 0.2680,
0.2947


 38.5549, 0.2680,
0.2947


339.9944, 0.2907,
0.3125


 26.4136, 0.2622,
0.2901


 72.9579, 0.2763,
0.3013

 17.1333, 0.2548,
0.2841


 95.9884, 0.2794,
0.3037

 10.3296, 0.2448,
0.2759


 123.4174, 0.2821,
0.3058

 5.6180, 0.2307,
0.2641

155.6294, 0.2843,
0.3075

 2.6142, 0.2096,
0.2461

193.0086, 0.2862,
0.3090

 0.9338, 0.1745,
0.2153

235.9396, 0.2879,

 0.0000, 0.0000,

0.3103

0.0000

284.8068, 0.2894,
0.3115

■ 38.5549, 0.2680,
0.2947

■ 38.5549, 0.2680,
0.2947

■ 33.9669, 0.2524,
0.2805

■ 43.6450, 0.2838,
0.3078

■ 29.8567, 0.2373,
0.2653

■ 49.2507, 0.2994,
0.3196

■ 26.2047, 0.2233,
0.2493

■ 55.3909, 0.3147,
0.3303

■ 22.9878, 0.2107,
0.2328

■ 62.0819, 0.3293,
0.3398

■ 20.1801, 0.1999,
0.2161

■ 69.3392, 0.3433,
0.3483

■ 17.7517, 0.1912,
0.1997

■ 76.9847, 0.3558,
0.3558

■ 15.6561, 0.1846,
0.1838

■ 81.5114, 0.3539,
0.3640

■ 15.3995, 0.1838,
0.1817

■ 86.2609, 0.3520,
0.3721

■ 91.2361, 0.3502,
0.3799

Harmonies

Analogous

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



38.5549, 0.2664, 0.3114



38.5549, 0.2680, 0.2947



38.5549, 0.2810, 0.2877

Triad

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



38.5549, 0.2680, 0.2947



38.5549, 0.3497, 0.3225



38.5549, 0.3212, 0.3707

Complementary

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



38.5549, 0.2680, 0.2947



39.6610, 0.3664, 0.3609

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.



38.5549, 0.3443, 0.3723



38.5549, 0.2680, 0.2947



38.5549, 0.3613, 0.3435

Square

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



38.5549, 0.2680, 0.2947



38.5549, 0.3280, 0.3037



38.5549, 0.3592, 0.3618



38.5549, 0.2965, 0.3564

Rectangle

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



38.5549, 0.2680, 0.2947



38.5549, 0.2948, 0.2889



38.5549, 0.3592, 0.3618



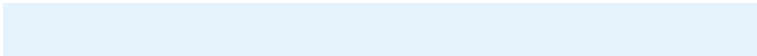
38.5549, 0.3294, 0.3727

Sweetspot

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



38.5564, 0.2680, 0.2947



87.7645, 0.2987, 0.3191



47.1332, 0.2929, 0.3760



18.8817, 0.2964, 0.3175



0.0000, 0.0000, 0.0000



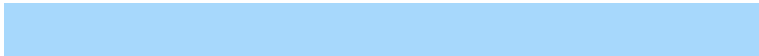
21.4041, 0.3127, 0.3290

Same Dimension

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



38.5564, 0.2680, 0.2947



64.1708, 0.2589, 0.2866



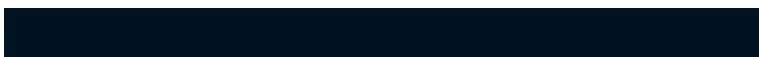
29.2832, 0.2637, 0.2538



10.6820, 0.2984, 0.3189



10.1807, 0.1844, 0.1838



0.5745, 0.1943, 0.2195

Inverse Universe

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



33.0128, 0.3401, 0.2872



53.2174, 0.3474, 0.2784



50.4286, 0.3571, 0.3945



10.1722, 0.3202, 0.3159



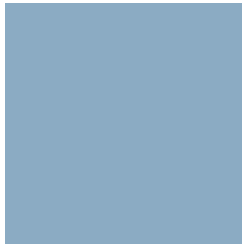
8.3100, 0.4640, 0.2330



0.3726, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 38.5549, 0.2680, 0.2947 looks on a white background.

Color Contrast Check

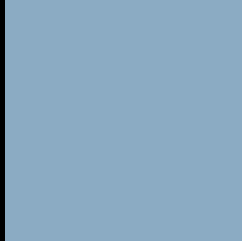
Large Text (above 18pt) WCAG AA × Fail

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 38.5549, 0.2680, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

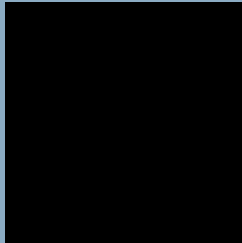
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

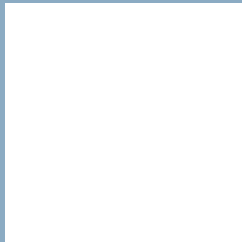
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5549, 0.2680, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 38.5549, 0.2680, 0.2947.



This preview shows how white text looks on a background with the Yxy color 38.5549, 0.2680, 0.2947.

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

38.5549, 0.2680, 0.2947

Protanopia

38.3532, 0.2886, 0.2932

Deuteranopia

38.5504, 0.2890, 0.2833



Tritanopia

38.3686, 0.2728, 0.3085

Trichromacy



Original Color

38.5549, 0.2680, 0.2947

Protanomaly

38.3132, 0.2813, 0.2940

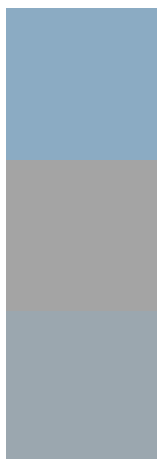
Deuteranomaly

38.4261, 0.2807, 0.2876

Tritanomaly

38.5824, 0.2715, 0.3043

Monochromacy



Original Color

38.5549, 0.2680, 0.2947

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7011, 0.2953, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5549, 0.2680, 0.2947 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, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(139, 171, 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, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 171, 195) }
```

Border

The CSS property to change the border of an element to Yxy 38.5549, 0.2680, 0.2947 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, 171, 195) }
```

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

```
.border{ border-color:rgb(139, 171, 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, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(139, 171,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5549, 0.2680, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 171, 195) }
```

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

```
.background{ background-color: rgb(139,  
171, 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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