

Converting Colors

$Y_{xy}(38.1492, 0.2663, 0.2958)$

Have a look what the booklet for
Yxy(38.1492, 0.2663, 0.2958)
contains.

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Color

Yxy(38.2551, 0.2664, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	88ABC2
RGB	136, 171, 194
RGB Percent	53%, 67%, 76%
CMY	0.4668, 0.3294, 0.2391
CMYK	0.30, 0.12, 0.00, 0.24
HSL	204°, 32%, 65%
HSV	204°, 30%, 76%
XYZ	34.4529, 38.2551, 56.6196
YIQ	163.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

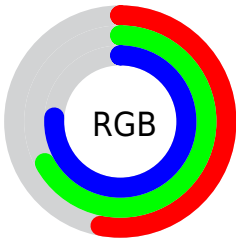
Format	Color
R _Y B	136, 158, 194
Decimal	8956866
CIE Lab	68.21, -6.46, -15.64
CIE LCh	68, 16.925, 247.557
Yxy	38.2551, 0.2664, 0.2958
Android (android.graphics.Color)	4287146946 (0xFF88ABC2)
YUV	163.1570, 15.2056, -23.8167
Hunter-Lab	61.8507, -8.8084, -10.9800

Details

The Yxy color **38.2551, 0.2664, 0.2958** is a light color, and the websafe version is hex **669999**. A complement of this color would be **38.0438, 0.3698, 0.3599**, and the grayscale version is **36.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4341, 0.2751, 0.3014**, and **16.9719, 0.2529, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **33.9542, 0.2511, 0.2826**, and if you desaturate by 10%, it is **43.0223, 0.2820, 0.3080**.

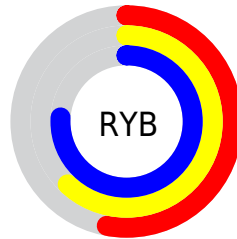
Distribution



Red (53%)

Green (67%)

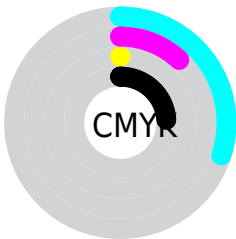
Blue (76%)



Red (53%)

Yellow (62%)

Blue (76%)

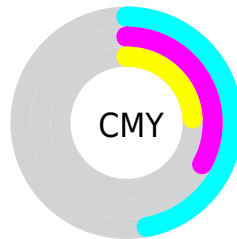


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (47%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2551, 0.2664, 0.2958 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 38.2551, 0.2664, 0.2958 by changing the saturation by 10% instead.


 38.2551, 0.2664,
0.2958


 38.2551, 0.2664,
0.2958


338.7130, 0.2900,
0.3131

 26.1807, 0.2604,
0.2913


 72.4990, 0.2750,
0.3022

 16.9589, 0.2527,
0.2854


 95.4373, 0.2783,
0.3046

 10.2052, 0.2423,
0.2773


 122.7657, 0.2810,
0.3066

 5.5352, 0.2277,
0.2657

154.8686, 0.2833,
0.3083

 2.5646, 0.2059,
0.2478

192.1304, 0.2853,
0.3097

 0.9089, 0.1686,
0.2171

234.9354, 0.2870,

 0.0000, 0.0000,

0.3110

0.0000

283.6682, 0.2886,
0.3121

■ 38.2551, 0.2664,
0.2958

■ 38.2551, 0.2664,
0.2958

■ 33.9542, 0.2511,
0.2826

■ 43.0223, 0.2820,
0.3080

■ 30.0962, 0.2366,
0.2685

■ 48.2687, 0.2975,
0.3191

■ 26.6625, 0.2231,
0.2538

■ 54.0122, 0.3128,
0.3291

■ 23.6306, 0.2112,
0.2385

■ 60.2684, 0.3277,
0.3380

■ 20.9756, 0.2011,
0.2232

■ 67.0520, 0.3419,
0.3460

■ 18.6681, 0.1931,
0.2080

■ 74.3771, 0.3554,
0.3530

■ 16.6548, 0.1870,
0.1932

■ 78.9317, 0.3556,
0.3604

■ 16.6387, 0.1870,
0.1931

■ 83.1823, 0.3538,
0.3680

■ 87.6228, 0.3521,
0.3753

Harmonies

Analogous

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



38.2551, 0.2664, 0.3138



38.2551, 0.2664, 0.2958



38.2551, 0.2782, 0.2874

Triad

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



38.2551, 0.2664, 0.2958



38.2551, 0.3480, 0.3197



38.2551, 0.3246, 0.3723

Complementary

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



38.2551, 0.2664, 0.2958



38.0438, 0.3698, 0.3599

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.



38.2551, 0.3473, 0.3722



38.2551, 0.2664, 0.2958



38.2551, 0.3614, 0.3410

Square

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



38.2551, 0.2664, 0.2958



38.2551, 0.3250, 0.3013



38.2551, 0.3611, 0.3603



38.2551, 0.2993, 0.3594

Rectangle

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



38.2551, 0.2664, 0.2958



38.2551, 0.2915, 0.2877



38.2551, 0.3611, 0.3603



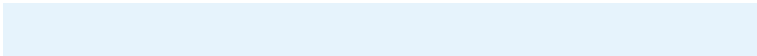
38.2551, 0.3328, 0.3738

Sweetspot

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



38.2566, 0.2664, 0.2958



88.2003, 0.2987, 0.3199



46.3025, 0.2934, 0.3812



18.9917, 0.2964, 0.3183



0.0000, 0.0000, 0.0000



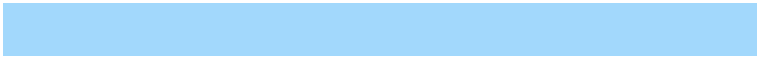
21.4041, 0.3127, 0.3290

Same Dimension

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



38.2566, 0.2664, 0.2958



64.0163, 0.2562, 0.2871



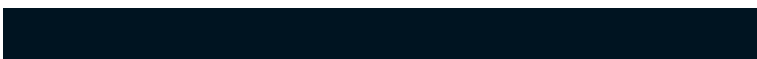
28.6985, 0.2617, 0.2531



10.7364, 0.2984, 0.3197



11.1005, 0.1875, 0.1951



0.6111, 0.1967, 0.2282

Inverse Universe

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



32.0151, 0.3396, 0.2830



51.4475, 0.3475, 0.2725



48.8964, 0.3596, 0.3950



10.1777, 0.3197, 0.3152



8.4028, 0.4509, 0.2258



0.3763, 0.4145, 0.2057

Previews

White Background



This preview shows how the Yxy color 38.2551, 0.2664, 0.2958 looks on a white background.

Color Contrast Check

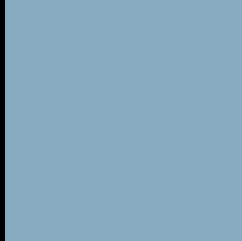
Large Text (above 18pt) WCAG AA × Fail

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 38.2551, 0.2664, 0.2958 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

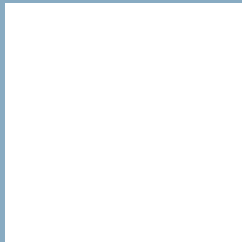
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2551, 0.2664, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 38.2551, 0.2664, 0.2958.



This preview shows how white text looks on a background with the Yxy color 38.2551, 0.2664, 0.2958.

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

38.2551, 0.2664, 0.2958

Protanopia

38.3094, 0.2894, 0.2945

Deuteranopia

38.0417, 0.2889, 0.2831



Tritanopia

38.1186, 0.2706, 0.3084

Trichromacy



Original Color

38.2551, 0.2664, 0.2958

Protanomaly

38.1713, 0.2813, 0.2953

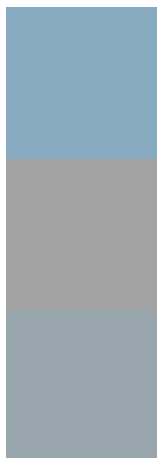
Deuteranomaly

37.9183, 0.2806, 0.2874

Tritanomaly

38.3301, 0.2693, 0.3042

Monochromacy



Original Color

38.2551, 0.2664, 0.2958

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.1007, 0.2944, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2551, 0.2664, 0.2958 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(136, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 171, 194)  
}
```

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(136, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 171, 194) }
```

Border

The CSS property to change the border of an element to Yxy 38.2551, 0.2664, 0.2958 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(136, 171, 194) }
```

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

```
.border{ border-color:rgb(136, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 171,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2551, 0.2664, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 171, 194) }
```

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

```
.background{ background-color: rgb(136,  
171, 194) }
```

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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