

Converting Colors

$Y_{xy}(39.0723, 0.2622, 0.2950)$

Have a look what the booklet for
Yxy(39.0723, 0.2622, 0.2950)
contains.

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Color

Yxy(39.2089, 0.2621, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	84AEC5
RGB	132, 174, 197
RGB Percent	52%, 68%, 77%
CMY	0.4824, 0.3176, 0.2274
CMYK	0.33, 0.12, 0.00, 0.23
HSL	201°, 36%, 65%
HSV	201°, 33%, 77%
XYZ	34.7302, 39.2089, 58.5682
YIQ	164.0640, -32.4150, -1.7510

Conversions

Conversions Part 2

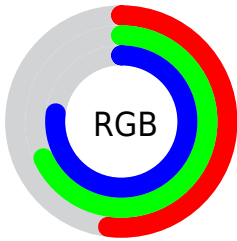
Format	Color
RYB	132, 158, 197
Decimal	8695493
CIELab	68.90, -8.50, -16.27
CIElCh	69, 18.357, 242.418
Yxy	39.2089, 0.2621, 0.2959
Android (android.graphics.Color)	4286885573 (0xFF84AEC5)
YUV	164.0640, 16.2374, -28.1201
Hunter-Lab	62.6170, -10.5758, -11.6244

Details

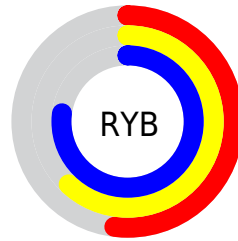
The Yxy color **39.2089, 0.2621, 0.2959** is a light color, and the websafe version is hex **669999**. A complement of this color would be **36.9826, 0.3785, 0.3597**, and the grayscale version is **37.0899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7592, 0.2714, 0.3015**, and **17.6077, 0.2479, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **35.1447, 0.2474, 0.2840**, and if you desaturate by 10%, it is **43.7159, 0.2773, 0.3070**.

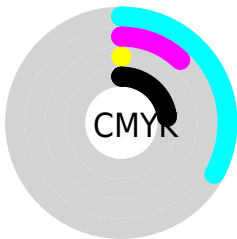
Distribution



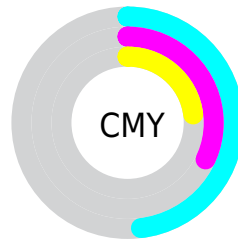
- Red (52%)
- Green (68%)
- Blue (77%)



- Red (52%)
- Yellow (62%)
- Blue (77%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)




- Cyan (48%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2089, 0.2621, 0.2959 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 39.2089, 0.2621, 0.2959 by changing the saturation by 10% instead.


 39.2089, 0.2621,
0.2959


 39.2089, 0.2621,
0.2959


342.7778, 0.2877,
0.3131


 26.9223, 0.2557,
0.2914


 73.9573, 0.2714,
0.3023

 17.5149, 0.2474,
0.2855


 97.1879, 0.2749,
0.3047

 10.6023, 0.2363,
0.2775

 124.8353, 0.2779,
0.3067

 5.8001, 0.2209,
0.2659

157.2839, 0.2804,
0.3083

 2.7239, 0.1981,
0.2481

194.9180, 0.2826,
0.3098

 0.9893, 0.1605,
0.2178

238.1221, 0.2845,

 0.0000, 0.0000,

0.3111

0.0000

287.2806, 0.2862,
0.3122

■ 39.2089, 0.2621,
0.2959

■ 39.2089, 0.2621,
0.2959

■ 35.1447, 0.2474,
0.2840

■ 43.7159, 0.2773,
0.3070

■ 31.4998, 0.2337,
0.2713

■ 48.6789, 0.2928,
0.3172

■ 28.2548, 0.2213,
0.2581

■ 54.1158, 0.3082,
0.3264

■ 25.3868, 0.2105,
0.2445

■ 60.0422, 0.3232,
0.3347

■ 22.8695, 0.2017,
0.2309

■ 66.4730, 0.3378,
0.3421

■ 20.6719, 0.1950,
0.2175

■ 73.4221, 0.3518,
0.3486

■ 19.2854, 0.1912,
0.2082

■ 77.9657, 0.3539,
0.3553

■ 81.7645, 0.3524,
0.3622

■ 85.7183, 0.3509,
0.3690

Harmonies

Analogous

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



39.2089, 0.2643, 0.3166



39.2089, 0.2621, 0.2959



39.2089, 0.2727, 0.2851

Triad

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



39.2089, 0.2621, 0.2959



39.2089, 0.3470, 0.3152



39.2089, 0.3300, 0.3768

Complementary

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



39.2089, 0.2621, 0.2959



36.9826, 0.3785, 0.3597

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.



39.2089, 0.3533, 0.3741



39.2089, 0.2621, 0.2959



39.2089, 0.3636, 0.3378

Square

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



39.2089, 0.2621, 0.2959



39.2089, 0.3211, 0.2965



39.2089, 0.3659, 0.3593



39.2089, 0.3027, 0.3651

Rectangle

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



39.2089, 0.2621, 0.2959



39.2089, 0.2859, 0.2842



39.2089, 0.3659, 0.3593



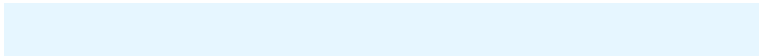
39.2089, 0.3386, 0.3775

Sweetspot

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



39.2104, 0.2621, 0.2959



89.8570, 0.2972, 0.3199



47.2020, 0.2931, 0.3910



18.9433, 0.2950, 0.3186



0.0000, 0.0000, 0.0000



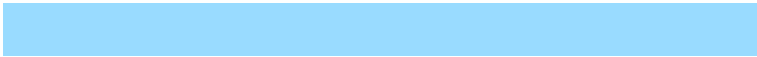
21.4041, 0.3127, 0.3290

Same Dimension

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



39.2104, 0.2621, 0.2959



64.6041, 0.2509, 0.2869



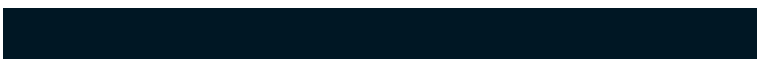
28.2083, 0.2560, 0.2471



11.4115, 0.2984, 0.3206



12.8451, 0.1917, 0.2100



0.7410, 0.1994, 0.2376

Inverse Universe

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



31.4297, 0.3402, 0.2747



49.1518, 0.3487, 0.2621



49.1893, 0.3655, 0.3994



10.7504, 0.3191, 0.3142



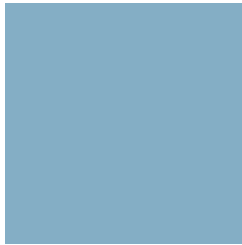
8.8367, 0.4341, 0.2165



0.4318, 0.4047, 0.2003

Previews

White Background



This preview shows how the Yxy color 39.2089, 0.2621, 0.2959 looks on a white background.

Color Contrast Check

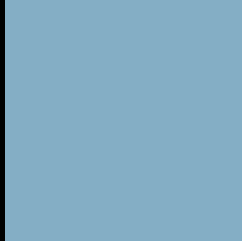
Large Text (above 18pt) WCAG AA × Fail

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 39.2089, 0.2621, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

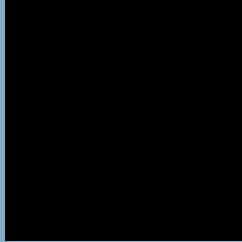
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

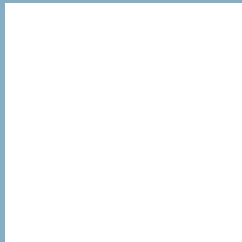
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2089, 0.2621, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 39.2089, 0.2621, 0.2959.



This preview shows how white text looks on a background with the Yxy color 39.2089, 0.2621, 0.2959.

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

39.2089, 0.2621, 0.2959

Protanopia

38.8647, 0.2888, 0.2934

Deuteranopia

39.1095, 0.2884, 0.2823



Tritanopia

39.0799, 0.2661, 0.3084

Trichromacy



Original Color

39.2089, 0.2621, 0.2959

Protanomaly

38.9464, 0.2784, 0.2941

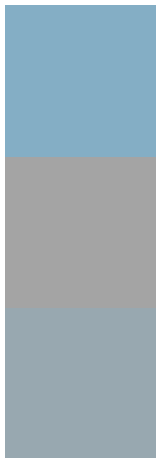
Deuteranomaly

39.1504, 0.2786, 0.2878

Tritanomaly

39.2910, 0.2649, 0.3042

Monochromacy



Original Color

39.2089, 0.2621, 0.2959

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.8153, 0.2920, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2089, 0.2621, 0.2959 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, 174, 197)` looks like.

```
.text, #text, p{  
    color:rgb(132, 174, 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(132, 174, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 174, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.2089, 0.2621, 0.2959 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, 174, 197) }
```

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

```
.border{ border-color:rgb(132, 174, 197) }
```

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

Here you see how a box with a 4 pixel rgb(132, 174, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 174, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 174, 197);  
box-shadow:4px 4px 4px 4px rgb(132, 174,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2089, 0.2621, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 174, 197) }
```

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

```
.background{ background-color: rgb(132,  
174, 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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