

Converting Colors

$Yxy(39.2736, 0.2670, 0.2762)$

Have a look what the booklet for
Yxy(39.2736, 0.2670, 0.2762)
contains.

Yxy(39.3196, 0.2663, 0.2758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3196, 0.2663, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	95A9D0
RGB	149, 169, 208
RGB Percent	58%, 66%, 82%
CMY	0.4158, 0.3372, 0.1842
CMYK	0.28, 0.19, 0.00, 0.18
HSL	220°, 39%, 70%
HSV	220°, 28%, 82%
XYZ	37.9652, 39.3196, 65.2808
YIQ	167.4660, -24.4390, 7.8890

Conversions

Conversions Part 2

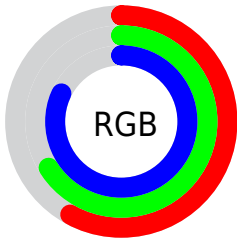
Format	Color
RYB	149, 164, 208
Decimal	9808336
CIELab	68.98, 1.93, -22.12
CIElCh	69, 22.207, 274.980
Yxy	39.3196, 0.2663, 0.2758
Android (android.graphics.Color)	4287998416 (0xFF95A9D0)
YUV	167.4660, 19.9833, -16.1947
Hunter-Lab	62.7053, -1.6607, -17.8314

Details

The Yxy color **39.3196, 0.2663, 0.2758** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.5428, 0.3615, 0.3770**, and the grayscale version is **38.7908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3687, 0.2806, 0.2957**, and **17.5971, 0.2526, 0.2596** is the 20% darker color. If you saturate the color by 10%, you get **32.6887, 0.2485, 0.2532**, and if you desaturate by 10%, it is **46.8406, 0.2835, 0.2964**.

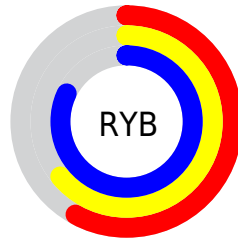
Distribution



Red (58%)

Green (66%)

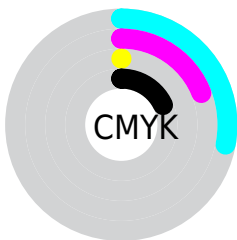
Blue (82%)



Red (58%)

Yellow (64%)

Blue (82%)

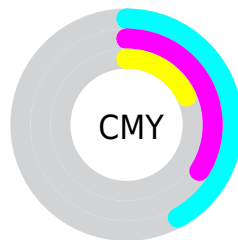


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3196, 0.2663, 0.2758 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 39.3196, 0.2663, 0.2758 by changing the saturation by 10% instead.

■ 39.3196, 0.2663,
0.2758

■ 39.3196, 0.2663,
0.2758

■ 343.2474, 0.2899,
0.3027

■ 27.0084, 0.2603,
0.2691

■ 74.1263, 0.2749,
0.2856

■ 17.5796, 0.2527,
0.2604

■ 97.3906, 0.2781,
0.2893

■ 10.6486, 0.2424,
0.2490

■ 125.0748, 0.2809,
0.2924

■ 5.8310, 0.2282,
0.2331

■ 157.5633, 0.2832,
0.2950

■ 2.7426, 0.2071,
0.2097

■ 195.2404, 0.2852,
0.2973

■ 0.9989, 0.1735,
0.1731

■ 238.4905, 0.2870,

■ 0.0000, 0.0000,

0.2993

0.0000

287.6980, 0.2885,
0.3011

■ 39.3196, 0.2663,
0.2758

■ 39.3196, 0.2663,
0.2758

■ 32.6887, 0.2485,
0.2532

■ 46.8406, 0.2835,
0.2964

■ 26.9080, 0.2307,
0.2291

■ 55.2801, 0.2998,
0.3150

■ 21.9414, 0.2134,
0.2039

■ 64.6708, 0.3151,
0.3315

■ 17.7481, 0.1974,
0.1784

■ 75.0424, 0.3292,
0.3461

■ 14.2830, 0.1836,
0.1538

■ 86.4233, 0.3421,
0.3588

■ 11.4953, 0.1725,
0.1310

■ 95.1026, 0.3411,
0.3717

■ 9.3169, 0.1645,
0.1111

■ 97.3355, 0.3406,
0.3750

■ 9.0109, 0.1634,
0.1081

Harmonies

Analogous

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



39.3196, 0.2526, 0.2873



39.3196, 0.2663, 0.2758



39.3196, 0.2925, 0.2778

Triad

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



39.3196, 0.2663, 0.2758



39.3196, 0.3754, 0.3415



39.3196, 0.2977, 0.3711

Complementary

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



39.3196, 0.2663, 0.2758



51.5428, 0.3615, 0.3770

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.



39.3196, 0.3305, 0.3867



39.3196, 0.2663, 0.2758



39.3196, 0.3764, 0.3670

Square

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



39.3196, 0.2663, 0.2758



39.3196, 0.3564, 0.3145



39.3196, 0.3596, 0.3843



39.3196, 0.2699, 0.3424

Rectangle

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



39.3196, 0.2663, 0.2758



39.3196, 0.3143, 0.2859



39.3196, 0.3596, 0.3843



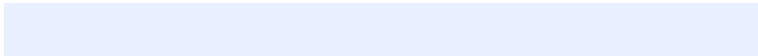
39.3196, 0.3085, 0.3781

Sweetspot

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



39.3212, 0.2663, 0.2758



86.6092, 0.2987, 0.3137



55.1152, 0.2843, 0.3565



18.0999, 0.2964, 0.3111



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.



39.3212, 0.2663, 0.2758



55.8394, 0.2557, 0.2625



33.2907, 0.2707, 0.2490



12.0641, 0.2982, 0.3132



5.7760, 0.1641, 0.1107



0.4687, 0.1745, 0.1482

Inverse Universe

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



37.7629, 0.3537, 0.3040



53.4406, 0.3656, 0.2985



59.4598, 0.3480, 0.4012



11.8735, 0.3238, 0.3211



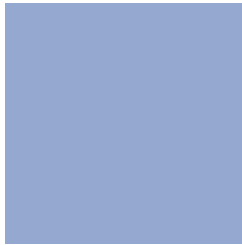
8.6544, 0.5601, 0.2859



0.4986, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 39.3196, 0.2663, 0.2758 looks on a white background.

Color Contrast Check

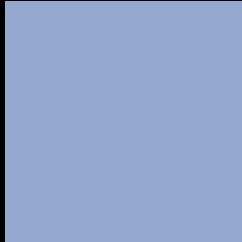
Large Text (above 18pt) WCAG AA × Fail

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 39.3196, 0.2663, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

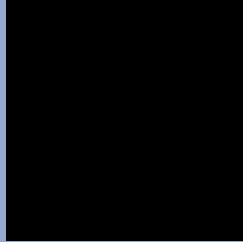
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

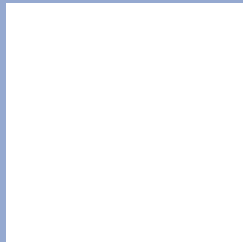
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3196, 0.2663, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 39.3196, 0.2663, 0.2758.



This preview shows how white text looks on a background with the Yxy color 39.3196, 0.2663, 0.2758.

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

39.3196, 0.2663, 0.2758

Protanopia

39.0996, 0.2751, 0.2752

Deuteranopia

39.3002, 0.2760, 0.2707



Tritanopia

39.4043, 0.2776, 0.3089

Trichromacy



Original Color

39.3196, 0.2663, 0.2758

Protanomaly

39.1110, 0.2713, 0.2749

Deuteranomaly

39.1450, 0.2722, 0.2715

Tritanomaly

39.5562, 0.2734, 0.2966

Monochromacy



Original Color

39.3196, 0.2663, 0.2758

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.8562, 0.2941, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3196, 0.2663, 0.2758 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, 169, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 208)  
}
```

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, 169, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 208) }
```

Border

The CSS property to change the border of an element to Yxy 39.3196, 0.2663, 0.2758 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, 169, 208) }
```

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

```
.border{ border-color:rgb(149, 169, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3196, 0.2663, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 208) }
```

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

```
.background{ background-color: rgb(149,  
169, 208) }
```

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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