

Converting Colors

$Yxy(39.6119, 0.2847, 0.2988)$

Have a look what the booklet for
Yxy(39.6119, 0.2847, 0.2988)
contains.

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Color

Yxy(39.6791, 0.2848, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	9DAABF
RGB	157, 170, 191
RGB Percent	62%, 67%, 75%
CMY	0.3843, 0.3333, 0.2511
CMYK	0.18, 0.11, 0.00, 0.25
HSL	217°, 21%, 68%
HSV	217°, 18%, 75%
XYZ	37.6813, 39.6791, 54.9474
YIQ	168.5070, -14.4890, 3.7750

Conversions

Conversions Part 2

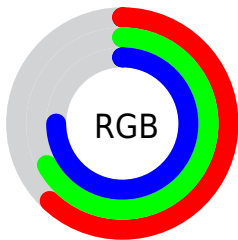
Format	Color
R _Y B	157, 166, 191
Decimal	10332863
CIE Lab	69.24, -0.11, -12.26
CIE LCh	69, 12.265, 269.506
Yxy	39.6791, 0.2848, 0.2999
Android (android.graphics.Color)	4288522943 (0xFF9DAABF)
YUV	168.5070, 11.0890, -10.0916
Hunter-Lab	62.9913, -3.4566, -7.6248

Details

The Yxy color **39.6791, 0.2848, 0.2999** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3372, 0.3419, 0.3565**, and the grayscale version is **39.3703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5629, 0.2903, 0.3055**, and **17.7951, 0.2757, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **33.6840, 0.2680, 0.2809**, and if you desaturate by 10%, it is **46.3740, 0.3009, 0.3170**.

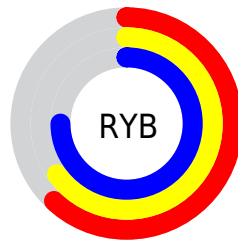
Distribution



Red (62%)

Green (67%)

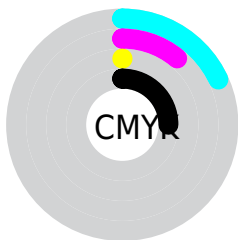
Blue (75%)



Red (62%)

Yellow (65%)

Blue (75%)

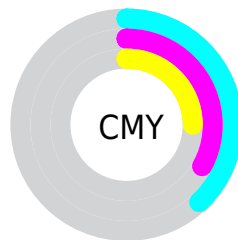


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6791, 0.2848, 0.2999 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 39.6791, 0.2848, 0.2999 by changing the saturation by 10% instead.

■ 39.6791, 0.2848,
0.2999

■ 39.6791, 0.2848,
0.2999

344.7692, 0.2991,
0.3148

■ 27.2884, 0.2812,
0.2961

■ 74.6746, 0.2900,
0.3054

■ 17.7900, 0.2764,
0.2912

■ 98.0482, 0.2920,
0.3074

■ 10.7993, 0.2700,
0.2845

125.8517, 0.2936,
0.3091

■ 5.9320, 0.2610,
0.2750

158.4692, 0.2950,
0.3106

■ 2.8038, 0.2471,
0.2605

196.2854, 0.2962,
0.3118

■ 1.0302, 0.2235,
0.2358

239.6845, 0.2973,

■ 0.0000, 0.0000,

0.3129

0.0000

289.0510, 0.2982,
0.3139

■ 39.6791, 0.2848,
0.2999

■ 39.6791, 0.2848,
0.2999

■ 33.6840, 0.2680,
0.2809

■ 46.3740, 0.3009,
0.3170

■ 28.3596, 0.2507,
0.2602

■ 53.7868, 0.3160,
0.3322

■ 23.6817, 0.2335,
0.2379

■ 61.9410, 0.3300,
0.3457

■ 19.6227, 0.2168,
0.2145

■ 70.8575, 0.3430,
0.3575

■ 16.1525, 0.2013,
0.1907

■ 80.5563, 0.3549,
0.3678

■ 13.2382, 0.1878,
0.1673

■ 87.7734, 0.3540,
0.3788

■ 10.8426, 0.1768,
0.1451

■ 94.9692, 0.3513,
0.3897

■ 8.9158, 0.1686,
0.1251

■ 96.5404, 0.3508,
0.3920

■ 8.5380, 0.1669,
0.1209

Harmonies

Analogous

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



39.6791, 0.2784, 0.3083



39.6791, 0.2848, 0.2999



39.6791, 0.2987, 0.2992

Triad

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



39.6791, 0.2848, 0.2999



39.6791, 0.3457, 0.3338



39.6791, 0.3080, 0.3537

Complementary

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



39.6791, 0.2848, 0.2999



45.3372, 0.3419, 0.3565

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.



39.6791, 0.3262, 0.3607



39.6791, 0.2848, 0.2999



39.6791, 0.3483, 0.3484

Square

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



39.6791, 0.2848, 0.2999



39.6791, 0.3340, 0.3185



39.6791, 0.3410, 0.3585



39.6791, 0.2915, 0.3396

Rectangle

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



39.6791, 0.2848, 0.2999



39.6791, 0.3105, 0.3030



39.6791, 0.3410, 0.3585



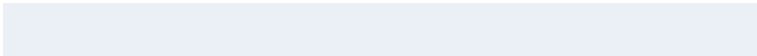
39.6791, 0.3141, 0.3570

Sweetspot

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



39.6807, 0.2848, 0.2999



86.5494, 0.3051, 0.3213



47.6312, 0.2953, 0.3468



18.8034, 0.3040, 0.3202



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.6807, 0.2848, 0.2999



67.1410, 0.2789, 0.2934



35.4495, 0.2873, 0.2818



9.8079, 0.2984, 0.3145



5.7578, 0.1676, 0.1234



0.3529, 0.1814, 0.1729

Inverse Universe

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



38.0909, 0.3340, 0.3119



63.9716, 0.3393, 0.3083



50.2509, 0.3357, 0.3731



9.5952, 0.3230, 0.3202



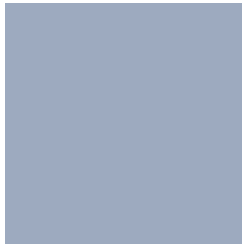
7.6109, 0.5419, 0.2759



0.3110, 0.4771, 0.2402

Previews

White Background



This preview shows how the Yxy color 39.6791, 0.2848, 0.2999 looks on a white background.

Color Contrast Check

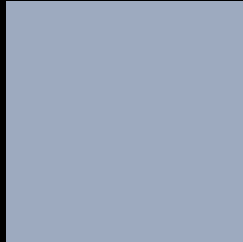
Large Text (above 18pt) WCAG AA × Fail

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 39.6791, 0.2848, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

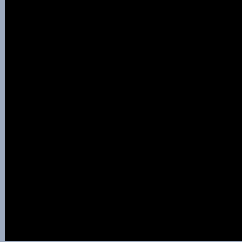
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

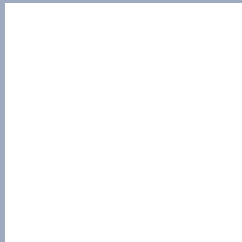
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6791, 0.2848, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 39.6791, 0.2848, 0.2999.



This preview shows how white text looks on a background with the Yxy color 39.6791, 0.2848, 0.2999.

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

39.6791, 0.2848, 0.2999

Protanopia

39.7864, 0.2937, 0.3003

Deuteranopia

39.7147, 0.2982, 0.2930



Tritanopia

39.6965, 0.2885, 0.3093

Trichromacy



Original Color

39.6791, 0.2848, 0.2999

Protanomaly

39.8802, 0.2905, 0.3002

Deuteranomaly

39.7680, 0.2931, 0.2952

Tritanomaly

39.7816, 0.2870, 0.3066

Monochromacy



Original Color

39.6791, 0.2848, 0.2999

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5496, 0.3025, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6791, 0.2848, 0.2999 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(157, 170, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 170, 191)  
}
```

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(157, 170, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 170, 191) }
```

Border

The CSS property to change the border of an element to Yxy 39.6791, 0.2848, 0.2999 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(157, 170, 191) }
```

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

```
.border{ border-color:rgb(157, 170, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 170, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 170, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 170, 191);  
box-shadow:4px 4px 4px 4px rgb(157, 170,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6791, 0.2848, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 170, 191) }
```

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

```
.background{ background-color: rgb(157,  
170, 191) }
```

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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