

Converting Colors

$Yxy(39.7686, 0.2906, 0.2962)$

Have a look what the booklet for
Yxy(39.7686, 0.2906, 0.2962)
contains.

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Color

Yxy(39.8104, 0.2906, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	A5A8C0
RGB	165, 168, 192
RGB Percent	65%, 66%, 75%
CMY	0.3527, 0.3412, 0.2470
CMYK	0.14, 0.13, 0.00, 0.25
HSL	233°, 18%, 70%
HSV	233°, 14%, 75%
XYZ	39.0446, 39.8104, 55.5035
YIQ	169.8390, -9.4920, 6.8280

Conversions

Conversions Part 2

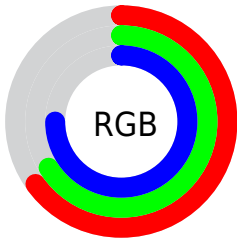
Format	Color
R_{YB}	165, 168, 192
Decimal	10856640
CIE _{Lab}	69.33, 3.87, -12.64
CIE _{LCh}	69, 13.216, 287.013
Yxy	39.8104, 0.2906, 0.2963
Android (android.graphics.Color)	4289046720 (0xFFA5A8C0)
YUV	169.8390, 10.9254, -4.2438
Hunter-Lab	63.0955, 0.0417, -7.9890

Details

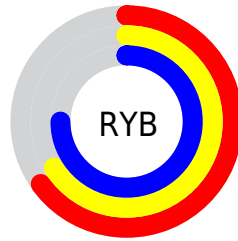
The Yxy color **39.8104, 0.2906, 0.2963** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.3618, 0.3340, 0.3597**, and the grayscale version is **40.0675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7683, 0.2949, 0.3027**, and **17.8656, 0.2834, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **31.9947, 0.2728, 0.2695**, and if you desaturate by 10%, it is **48.7706, 0.3067, 0.3202**.

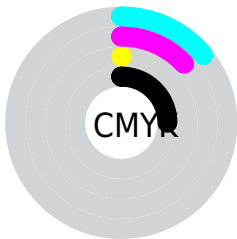
Distribution



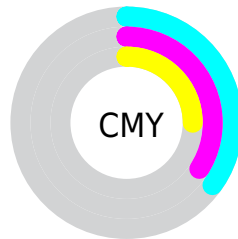
- Red (65%)
- Green (66%)
- Blue (75%)



- Red (65%)
- Yellow (66%)
- Blue (75%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8104, 0.2906, 0.2963 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 39.8104, 0.2906, 0.2963 by changing the saturation by 10% instead.

■ 39.8104, 0.2906,
0.2963

■ 39.8104, 0.2906,
0.2963

■ 345.3238, 0.3020,
0.3129

■ 27.3907, 0.2877,
0.2921

■ 74.8747, 0.2948,
0.3024

■ 17.8669, 0.2839,
0.2867

■ 98.2882, 0.2963,
0.3046

■ 10.8545, 0.2787,
0.2794

■ 126.1350, 0.2977,
0.3065

■ 5.9691, 0.2713,
0.2692

■ 158.7996, 0.2988,
0.3082

■ 2.8263, 0.2600,
0.2537

■ 196.6664, 0.2997,
0.3096

■ 1.0417, 0.2404,
0.2279

■ 240.1198, 0.3006,

■ 0.0000, 0.0294,

0.3108

0.0000

289.5441, 0.3013,
0.3119

0.0000, 0.0000,
0.0000

39.8104, 0.2906,
0.2963

39.8104, 0.2906,
0.2963

31.9947, 0.2728,
0.2695

48.7706, 0.3067,
0.3202

25.2727, 0.2536,
0.2399

58.9138, 0.3211,
0.3412

19.5968, 0.2334,
0.2084

70.2827, 0.3337,
0.3594

14.9142, 0.2132,
0.1759

82.9164, 0.3449,
0.3752

11.1673, 0.1940,
0.1442

95.6831, 0.3505,
0.3897

■ 8.2927, 0.1772,
0.1154

■ 96.5864, 0.3502,
0.3909

■ 6.2188, 0.1641,
0.0917

■ 4.8625, 0.1555,
0.0745

■ 4.3364, 0.1521,
0.0674

Harmonies

Analogous

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



39.8104, 0.2787, 0.3005



39.8104, 0.2906, 0.2963



39.8104, 0.3086, 0.3004

Triad

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



39.8104, 0.2906, 0.2963



39.8104, 0.3512, 0.3436



39.8104, 0.2967, 0.3474

Complementary

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



39.8104, 0.2906, 0.2963



50.3618, 0.3340, 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.



39.8104, 0.3158, 0.3599



39.8104, 0.2906, 0.2963



39.8104, 0.3476, 0.3570

Square

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



39.8104, 0.2906, 0.2963



39.8104, 0.3441, 0.3271



39.8104, 0.3345, 0.3633



39.8104, 0.2822, 0.3297

Rectangle

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



39.8104, 0.2906, 0.2963



39.8104, 0.3219, 0.3072



39.8104, 0.3345, 0.3633



39.8104, 0.3028, 0.3524

Sweetspot

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



39.8121, 0.2906, 0.2963



88.3079, 0.3067, 0.3201



49.3802, 0.2938, 0.3331



18.6646, 0.3055, 0.3184



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.



39.8121, 0.2906, 0.2963



67.3208, 0.2850, 0.2879



39.8984, 0.2995, 0.2932



9.9199, 0.2983, 0.3078



2.9751, 0.1524, 0.0686



0.1887, 0.1599, 0.0956

Inverse Universe

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



40.9674, 0.3356, 0.3252



69.8882, 0.3420, 0.3243



50.3311, 0.3247, 0.3643



10.0953, 0.3272, 0.3265



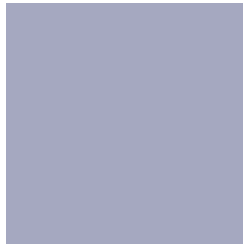
7.5826, 0.6256, 0.3220



0.3337, 0.5826, 0.2983

Previews

White Background



This preview shows how the Yxy color 39.8104, 0.2906, 0.2963 looks on a white background.

Color Contrast Check

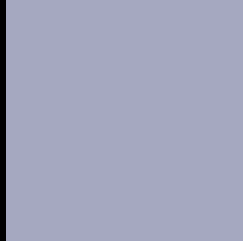
Large Text (above 18pt) WCAG AA × Fail

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 39.8104, 0.2906, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

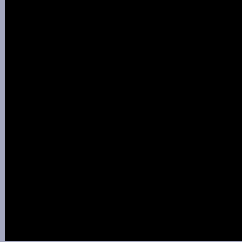
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8104, 0.2906, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 39.8104, 0.2906, 0.2963.



This preview shows how white text looks on a background with the Yxy color 39.8104, 0.2906, 0.2963.

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

39.8104, 0.2906, 0.2963

Protanopia

39.8104, 0.2906, 0.2963

Deuteranopia

39.8745, 0.2983, 0.2918



Tritanopia

39.9549, 0.2959, 0.3110

Trichromacy



Original Color

39.8104, 0.2906, 0.2963

Protanomaly

39.8104, 0.2906, 0.2963

Deuteranomaly

39.7806, 0.2948, 0.2928

Tritanomaly

39.8136, 0.2944, 0.3056

Monochromacy



Original Color

39.8104, 0.2906, 0.2963

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9151, 0.3043, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8104, 0.2906, 0.2963 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(165, 168, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 192)  
}
```

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(165, 168, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 192) }
```

Border

The CSS property to change the border of an element to Yxy 39.8104, 0.2906, 0.2963 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(165, 168, 192) }
```

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

```
.border{ border-color:rgb(165, 168, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8104, 0.2906, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 192) }
```

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

```
.background{ background-color: rgb(165,  
168, 192) }
```

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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