

Converting Colors

$Yxy(39.4050, 0.2785, 0.2899)$

Have a look what the booklet for
Yxy(39.4050, 0.2785, 0.2899)
contains.

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Color

Yxy(39.3757, 0.2787, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	9BA9C5
RGB	155, 169, 197
RGB Percent	61%, 66%, 77%
CMY	0.3920, 0.3373, 0.2275
CMYK	0.21, 0.14, 0.00, 0.23
HSL	220°, 27%, 69%
HSV	220°, 21%, 77%
XYZ	37.7893, 39.3757, 58.4263
YIQ	168.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

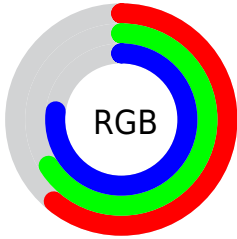
Format	Color
R _Y B	155, 166, 197
Decimal	10201541
CIE Lab	69.02, 1.18, -15.93
CIE LCh	69, 15.976, 274.250
Yxy	39.3757, 0.2787, 0.2904
Android (android.graphics.Color)	4288391621 (0xFF9BA9C5)
YUV	168.0060, 14.2940, -11.4063
Hunter-Lab	62.7501, -2.3165, -11.2796

Details

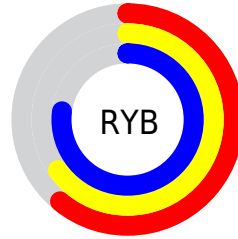
The Yxy color $39.3757, 0.2787, 0.2904$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $48.1240, 0.3479, 0.3648$, and the grayscale version is $39.1000, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.1687, 0.2849, 0.2971$, and $17.5893, 0.2685, 0.2792$ is the 20% darker color. If you saturate the color by 10%, you get $32.9348, 0.2613, 0.2691$, and if you desaturate by 10%, it is $46.6299, 0.2953, 0.3097$.

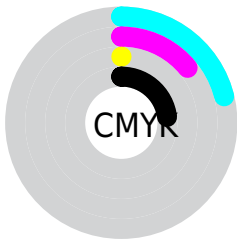
Distribution



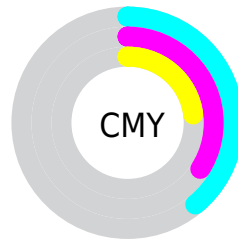
- Red (61%)
- Green (66%)
- Blue (77%)



- Red (61%)
- Yellow (65%)
- Blue (77%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (39%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3757, 0.2787, 0.2904 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 39.3757, 0.2787, 0.2904 by changing the saturation by 10% instead.

■ 39.3757, 0.2787,
0.2904

■ 39.3757, 0.2787,
0.2904

■ 343.4852, 0.2961,
0.3100

■ 27.0521, 0.2743,
0.2854

■ 74.2119, 0.2851,
0.2976

■ 17.6124, 0.2685,
0.2790

■ 97.4933, 0.2875,
0.3003

■ 10.6721, 0.2608,
0.2703

■ 125.1962, 0.2895,
0.3025

■ 5.8468, 0.2498,
0.2581

■ 157.7048, 0.2912,
0.3045

■ 2.7521, 0.2333,
0.2397

■ 195.4036, 0.2926,
0.3061

■ 1.0037, 0.2056,
0.2093

■ 238.6770, 0.2939,

■ 0.0000, 0.0000,

0.3076

0.0000

287.9094, 0.2951,
0.3089

■ 39.3757, 0.2787,
0.2904

■ 39.3757, 0.2787,
0.2904

■ 32.9348, 0.2613,
0.2691

■ 46.6299, 0.2953,
0.3097

■ 27.2725, 0.2435,
0.2458

■ 54.7209, 0.3108,
0.3269

■ 22.3586, 0.2257,
0.2211

■ 63.6770, 0.3252,
0.3421

■ 18.1590, 0.2086,
0.1956

■ 73.5237, 0.3383,
0.3555

■ 14.6362, 0.1931,
0.1702

■ 84.2855, 0.3503,
0.3672

■ 11.7492, 0.1800,
0.1458

■ 92.3601, 0.3486,
0.3795

■ 9.4510, 0.1697,
0.1238

■ 96.8108, 0.3472,
0.3860

■ 7.8680, 0.1631,
0.1069

Harmonies

Analogous

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



39.3757, 0.2688, 0.2995



39.3757, 0.2787, 0.2904



39.3757, 0.2978, 0.2913

Triad

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



39.3757, 0.2787, 0.2904



39.3757, 0.3574, 0.3381



39.3757, 0.3027, 0.3592

Complementary

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



39.3757, 0.2787, 0.2904



48.1240, 0.3479, 0.3648

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.



39.3757, 0.3264, 0.3700



39.3757, 0.2787, 0.2904



39.3757, 0.3586, 0.3566

Square

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



39.3757, 0.2787, 0.2904



39.3757, 0.3436, 0.3182



39.3757, 0.3470, 0.3687



39.3757, 0.2822, 0.3393

Rectangle

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



39.3757, 0.2787, 0.2904



39.3757, 0.3135, 0.2972



39.3757, 0.3470, 0.3687



39.3757, 0.3106, 0.3640

Sweetspot

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



39.3773, 0.2787, 0.2904



90.8685, 0.3035, 0.3189



50.3214, 0.2906, 0.3479



19.2442, 0.3025, 0.3178



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.



39.3773, 0.2787, 0.2904



64.4607, 0.2699, 0.2797



35.1751, 0.2834, 0.2715



10.8540, 0.2983, 0.3131



5.3138, 0.1637, 0.1093



0.3853, 0.1757, 0.1526

Inverse Universe

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



38.1923, 0.3413, 0.3110



62.2164, 0.3502, 0.3064



53.2442, 0.3385, 0.3825



10.6941, 0.3238, 0.3213



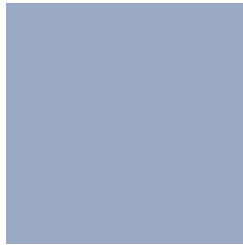
8.0764, 0.5621, 0.2870



0.3959, 0.5026, 0.2542

Previews

White Background



This preview shows how the Yxy color 39.3757, 0.2787, 0.2904 looks on a white background.

Color Contrast Check

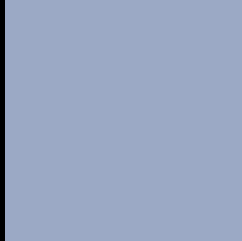
Large Text (above 18pt) WCAG AA × Fail

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 39.3757, 0.2787, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

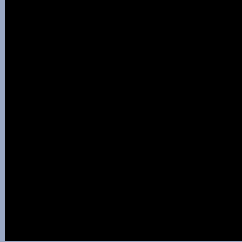
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

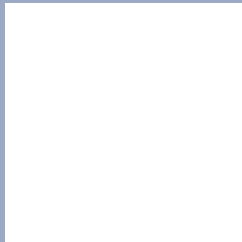
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3757, 0.2787, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 39.3757, 0.2787, 0.2904.



This preview shows how white text looks on a background with the Yxy color 39.3757, 0.2787, 0.2904.

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

39.3757, 0.2787, 0.2904

Protanopia

39.4095, 0.2858, 0.2896

Deuteranopia

39.1742, 0.2900, 0.2837



Tritanopia

39.4009, 0.2861, 0.3092

Trichromacy



Original Color

39.3757, 0.2787, 0.2904

Protanomaly

39.4644, 0.2834, 0.2907

Deuteranomaly

39.3490, 0.2859, 0.2859

Tritanomaly

39.2936, 0.2838, 0.3023

Monochromacy



Original Color

39.3757, 0.2787, 0.2904

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0465, 0.2991, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3757, 0.2787, 0.2904 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(155, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 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(155, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.3757, 0.2787, 0.2904 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(155, 169, 197) }
```

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

```
.border{ border-color:rgb(155, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(155, 169,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3757, 0.2787, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 197) }
```

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

```
.background{ background-color: rgb(155,  
169, 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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