

Converting Colors

$Yxy(35.5161, 0.2820, 0.2835)$

Have a look what the booklet for
Yxy(35.5161, 0.2820, 0.2835)
contains.

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Color

Yxy(35.5264, 0.2823, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	9B9FBF
RGB	155, 159, 191
RGB Percent	61%, 62%, 75%
CMY	0.3920, 0.3765, 0.2510
CMYK	0.19, 0.17, 0.00, 0.25
HSL	233°, 22%, 68%
HSV	233°, 19%, 75%
XYZ	35.3262, 35.5264, 54.2844
YIQ	161.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

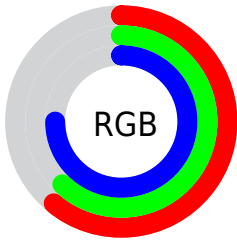
Format	Color
R_{YB}	155, 159, 191
Decimal	10198975
CIE _{Lab}	66.16, 5.37, -16.94
CIE _{LCh}	66, 17.769, 287.589
Yxy	35.5264, 0.2823, 0.2839
Android (android.graphics.Color)	4288389055 (0xFF9B9FBF)
YUV	161.4520, 14.5672, -5.6584
Hunter-Lab	59.6040, 1.4865, -12.2756

Details

The Yxy color **35.5264, 0.2823, 0.2839** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0096, 0.3415, 0.3704**, and the grayscale version is **35.8009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5102, 0.2886, 0.2933**, and **15.4437, 0.2718, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **28.3328, 0.2638, 0.2558**, and if you desaturate by 10%, it is **43.8265, 0.2992, 0.3092**.

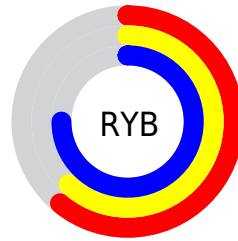
Distribution



Red (61%)

Green (62%)

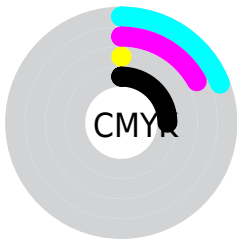
Blue (75%)



Red (61%)

Yellow (62%)

Blue (75%)

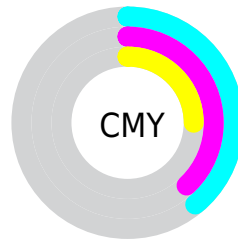


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5264, 0.2823, 0.2839 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 35.5264, 0.2823, 0.2839 by changing the saturation by 10% instead.

■ 35.5264, 0.2823,
0.2839

■ 35.5264, 0.2823,
0.2839

326.8858, 0.2982,
0.3070

■ 24.0686, 0.2781,
0.2780

■ 68.3004, 0.2882,
0.2924

■ 15.3846, 0.2727,
0.2703

■ 90.3855, 0.2904,
0.2956

■ 9.0897, 0.2652,
0.2599

116.7819, 0.2922,
0.2982

■ 4.7997, 0.2543,
0.2452

147.8738, 0.2938,
0.3005

■ 2.1303, 0.2374,
0.2228

184.0458, 0.2951,
0.3025

■ 0.6816, 0.2081,
0.1821

225.6822, 0.2963,

■ 0.0000, 0.0000,

0.3042

0.0000

273.1674, 0.2973,
0.3057

■ 35.5264, 0.2823,
0.2839

■ 35.5264, 0.2823,
0.2839

■ 28.3328, 0.2638,
0.2558

■ 43.8265, 0.2992,
0.3092

■ 22.1947, 0.2440,
0.2252

■ 53.2726, 0.3144,
0.3315

■ 17.0636, 0.2237,
0.1931

■ 63.9077, 0.3279,
0.3510

■ 12.8852, 0.2039,
0.1608

■ 75.7711, 0.3397,
0.3679

■ 9.6005, 0.1857,
0.1302

■ 88.9005, 0.3501,
0.3825

■ 7.1435, 0.1705,
0.1036

■ 96.5415, 0.3508,
0.3919

■ 5.4389, 0.1595,
0.0828

■ 4.3866, 0.1527,
0.0688

■ 4.2956, 0.1521,
0.0676

Harmonies

Analogous

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



35.5264, 0.2659, 0.2890



35.5264, 0.2823, 0.2839



35.5264, 0.3073, 0.2899

Triad

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



35.5264, 0.2823, 0.2839



35.5264, 0.3668, 0.3492



35.5264, 0.2898, 0.3545

Complementary

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



35.5264, 0.2823, 0.2839



49.0096, 0.3415, 0.3704

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.



35.5264, 0.3162, 0.3726



35.5264, 0.2823, 0.2839



35.5264, 0.3612, 0.3680

Square

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



35.5264, 0.2823, 0.2839



35.5264, 0.3570, 0.3265



35.5264, 0.3425, 0.3772



35.5264, 0.2701, 0.3292

Rectangle

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



35.5264, 0.2823, 0.2839



35.5264, 0.3259, 0.2993



35.5264, 0.3425, 0.3772



35.5264, 0.2982, 0.3618

Sweetspot

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



35.5279, 0.2823, 0.2839



82.9013, 0.3035, 0.3155



47.8141, 0.2877, 0.3346



17.9668, 0.3025, 0.3140



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.



35.5279, 0.2823, 0.2839



57.5382, 0.2741, 0.2715



35.6368, 0.2943, 0.2800



9.3893, 0.2984, 0.3079



2.8834, 0.1525, 0.0688



0.1697, 0.1605, 0.0978

Inverse Universe

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



37.0381, 0.3451, 0.3238



60.8814, 0.3551, 0.3225



49.0021, 0.3288, 0.3770



9.5529, 0.3272, 0.3265



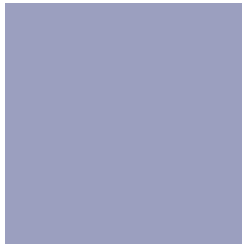
7.3208, 0.6252, 0.3218



0.2925, 0.5792, 0.2964

Previews

White Background



This preview shows how the Yxy color 35.5264, 0.2823, 0.2839 looks on a white background.

Color Contrast Check

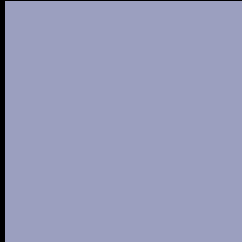
Large Text (above 18pt) WCAG AA × Fail

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 35.5264, 0.2823, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

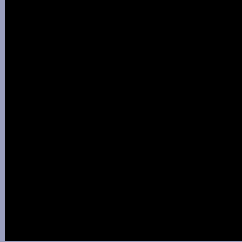
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5264, 0.2823, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 35.5264, 0.2823, 0.2839.



This preview shows how white text looks on a background with the Yxy color 35.5264, 0.2823, 0.2839.

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

35.5264, 0.2823, 0.2839

Protanopia

35.4279, 0.2814, 0.2838

Deuteranopia

35.4526, 0.2873, 0.2817



Tritanopia

35.6112, 0.2925, 0.3100

Trichromacy



Original Color

35.5264, 0.2823, 0.2839

Protanomaly

35.4279, 0.2814, 0.2838

Deuteranomaly

35.5862, 0.2856, 0.2829

Tritanomaly

35.5982, 0.2885, 0.3001

Monochromacy



Original Color

35.5264, 0.2823, 0.2839

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4911, 0.3013, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5264, 0.2823, 0.2839 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, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 159, 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(155, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 191) }
```

Border

The CSS property to change the border of an element to Yxy 35.5264, 0.2823, 0.2839 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, 159, 191) }
```

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

```
.border{ border-color:rgb(155, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 159,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5264, 0.2823, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 159, 191) }
```

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

```
.background{ background-color: rgb(155,  
159, 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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