

Converting Colors

$Yxy(41.5522, 0.2559, 0.2518)$

Have a look what the booklet for
Yxy(41.5522, 0.2559, 0.2518)
contains.

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Color

Yxy(41.3890, 0.2555, 0.2510)

Conversions

Conversions Part 1

Format	Color
Hex	9AAAE7
RGB	154, 170, 231
RGB Percent	60%, 67%, 91%
CMY	0.3959, 0.3334, 0.0941
CMYK	0.33, 0.26, 0.00, 0.09
HSL	228°, 62%, 75%
HSV	228°, 33%, 91%
XYZ	42.1310, 41.3890, 81.3764
YIQ	172.1700, -29.1170, 15.5790

Conversions

Conversions Part 2

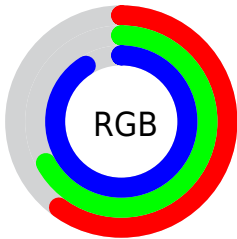
Format	Color
RYB	154, 167, 231
Decimal	10136295
CIELab	70.45, 8.61, -32.45
CIELCh	70, 33.576, 284.867
Yxy	41.3890, 0.2555, 0.2510
Android (android.graphics.Color)	4288326375 (0xFF9AAAE7)
YUV	172.1700, 29.0032, -15.9351
Hunter-Lab	64.3343, 4.3105, -29.9619

Details

The Yxy color **41.3890, 0.2555, 0.2510** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.9548, 0.3681, 0.3964**, and the grayscale version is **41.2109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7721, 0.2844, 0.2972**, and **18.7613, 0.2393, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **32.9430, 0.2361, 0.2226**, and if you desaturate by 10%, it is **51.2308, 0.2742, 0.2774**.

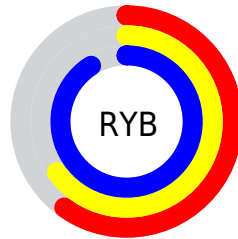
Distribution



Red (60%)

Green (67%)

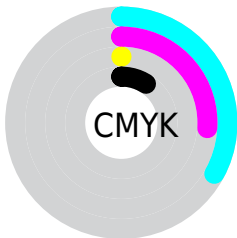
Blue (91%)



Red (60%)

Yellow (65%)

Blue (91%)

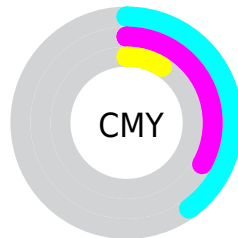


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3890, 0.2555, 0.2510 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 41.3890, 0.2555, 0.2510 by changing the saturation by 10% instead.

■ 41.3890, 0.2555,
0.2510

■ 41.3890, 0.2555,
0.2510

351.9438, 0.2842,
0.2891

■ 28.6232, 0.2484,
0.2419

■ 77.2741, 0.2659,
0.2646

■ 18.7959, 0.2394,
0.2304

■ 101.1621, 0.2698,
0.2698

■ 11.5229, 0.2275,
0.2157

129.5263, 0.2731,
0.2742

■ 6.4197, 0.2115,
0.1961

162.7510, 0.2760,
0.2780

■ 3.1019, 0.1887,
0.1691

201.2208, 0.2785,
0.2813

■ 1.1852, 0.1547,
0.1308

245.3199, 0.2806,

■ 0.0496, 0.0764,

0.2842

0.0147

295.4328, 0.2825,
0.2868

0.0000, 0.0000,
0.0000

41.3890, 0.2555,
0.2510

41.3890, 0.2555,
0.2510

32.9430, 0.2361,
0.2226

51.2308, 0.2742,
0.2774

25.8236, 0.2168,
0.1928

62.5237, 0.2917,
0.3013

19.9627, 0.1984,
0.1631

75.3259, 0.3077,
0.3225

15.2840, 0.1820,
0.1348

89.6908, 0.3223,
0.3412

11.7021, 0.1688,
0.1098

98.5501, 0.3268,
0.3522

■ 9.1191, 0.1595,
0.0895

■ 7.8742, 0.1553,
0.0790

Harmonies

Analogous

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



41.3890, 0.2299, 0.2598



41.3890, 0.2555, 0.2510



41.3890, 0.2977, 0.2603

Triad

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



41.3890, 0.2555, 0.2510



41.3890, 0.4099, 0.3581



41.3890, 0.2749, 0.3801

Complementary

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



41.3890, 0.2555, 0.2510



67.9548, 0.3681, 0.3964

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.



41.3890, 0.3216, 0.4121



41.3890, 0.2555, 0.2510



41.3890, 0.4011, 0.3936

Square

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



41.3890, 0.2555, 0.2510



41.3890, 0.3899, 0.3193



41.3890, 0.3681, 0.4154



41.3890, 0.2401, 0.3320

Rectangle

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



41.3890, 0.2555, 0.2510



41.3890, 0.3309, 0.2751



41.3890, 0.3681, 0.4154



41.3890, 0.2897, 0.3935

Sweetspot

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



41.3906, 0.2555, 0.2510



83.2541, 0.2971, 0.3085



68.9034, 0.2742, 0.3493



17.3495, 0.2947, 0.3054



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.



41.3906, 0.2555, 0.2510



44.3189, 0.2422, 0.2316



38.1066, 0.2697, 0.2343



14.3687, 0.2980, 0.3098



4.5574, 0.1559, 0.0812



0.4686, 0.1632, 0.1073

Inverse Universe

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



43.0167, 0.3741, 0.3108



47.1040, 0.3929, 0.3070



73.0766, 0.3466, 0.4168



14.4166, 0.3260, 0.3242



9.6578, 0.6050, 0.3106



0.7270, 0.5649, 0.2886

Previews

White Background



This preview shows how the Yxy color 41.3890, 0.2555, 0.2510 looks on a white background.

Color Contrast Check

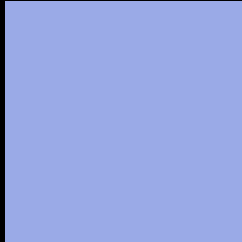
Large Text (above 18pt) WCAG AA × Fail

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 41.3890, 0.2555, 0.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

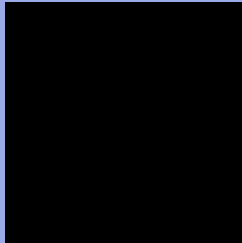
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3890, 0.2555, 0.2510

Background



This preview shows how black text looks on a background with the Yxy color 41.3890, 0.2555, 0.2510.



This preview shows how white text looks on a background with the Yxy color 41.3890, 0.2555, 0.2510.

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

41.3890, 0.2555, 0.2510

Protanopia

41.4875, 0.2562, 0.2512

Deuteranopia

41.5869, 0.2569, 0.2513



Tritanopia

41.2698, 0.2753, 0.3078

Trichromacy



Original Color

41.3890, 0.2555, 0.2510

Protanomaly

41.4875, 0.2562, 0.2512

Deuteranomaly

41.4875, 0.2562, 0.2512

Tritanomaly

41.0242, 0.2677, 0.2853

Monochromacy



Original Color

41.3890, 0.2555, 0.2510

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9754, 0.2899, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3890, 0.2555, 0.2510 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(154, 170, 231)` looks like.

```
.text, #text, p{  
    color:rgb(154, 170, 231)  
}
```

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(154, 170, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 170, 231) }
```

Border

The CSS property to change the border of an element to Yxy 41.3890, 0.2555, 0.2510 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(154, 170, 231) }
```

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

```
.border{ border-color:rgb(154, 170, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 170, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 170, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 170, 231);  
box-shadow:4px 4px 4px 4px rgb(154, 170,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3890, 0.2555, 0.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 170, 231) }
```

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

```
.background{ background-color: rgb(154,  
170, 231) }
```

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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