

Converting Colors

$Yxy(41.3386, 0.2594, 0.2547)$

Have a look what the booklet for
Yxy(41.3386, 0.2594, 0.2547)
contains.

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Color

Yxy(41.5190, 0.2594, 0.2547)

Conversions

Conversions Part 1

Format	Color
Hex	9DAAE4
RGB	157, 170, 228
RGB Percent	62%, 67%, 89%
CMY	0.3843, 0.3333, 0.1058
CMYK	0.31, 0.25, 0.00, 0.11
HSL	229°, 57%, 75%
HSV	229°, 31%, 89%
XYZ	42.2852, 41.5190, 79.2072
YIQ	172.7250, -26.3660, 15.2820

Conversions

Conversions Part 2

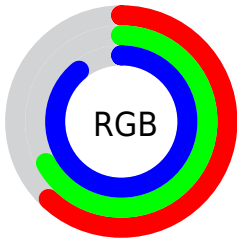
Format	Color
RYB	157, 168, 228
Decimal	10332900
CIELab	70.54, 8.69, -30.67
CIELCh	71, 31.876, 285.819
Yxy	41.5190, 0.2594, 0.2547
Android (android.graphics.Color)	4288522980 (0xFF9DAAE4)
YUV	172.7250, 27.2506, -13.7908
Hunter-Lab	64.4352, 4.3776, -27.7778

Details

The Yxy color $41.5190, 0.2594, 0.2547$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67.5474, 0.3636, 0.3937$, and the grayscale version is $41.5115, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2166, 0.2863, 0.2974$, and $18.8785, 0.2450, 0.2355$ is the 20% darker color. If you saturate the color by 10%, you get $32.9408, 0.2399, 0.2258$, and if you desaturate by 10%, it is $51.5181, 0.2780, 0.2814$.

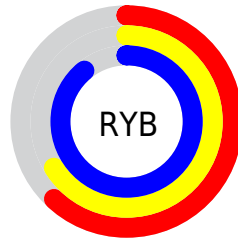
Distribution



Red (62%)

Green (67%)

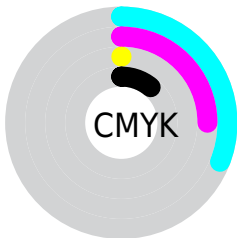
Blue (89%)



Red (62%)

Yellow (66%)

Blue (89%)

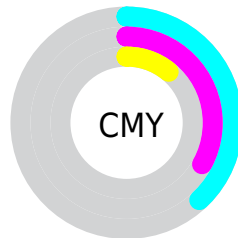


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5190, 0.2594, 0.2547 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 41.5190, 0.2594, 0.2547 by changing the saturation by 10% instead.

■ 41.5190, 0.2594,
0.2547

■ 41.5190, 0.2594,
0.2547

352.4851, 0.2862,
0.2911

■ 28.7248, 0.2527,
0.2460

■ 77.4711, 0.2691,
0.2677

■ 18.8728, 0.2443,
0.2350

■ 101.3979, 0.2728,
0.2726

■ 11.5784, 0.2331,
0.2208

129.8043, 0.2759,
0.2768

■ 6.4573, 0.2179,
0.2018

163.0748, 0.2786,
0.2805

■ 3.1251, 0.1961,
0.1756

201.5937, 0.2809,
0.2836

■ 1.1974, 0.1631,
0.1378

245.7455, 0.2829,

■ 0.0596, 0.0853,

0.2864

0.0189

295.9145, 0.2847,
0.2889

0.0000, 0.0000,
0.0000

41.5190, 0.2594,
0.2547

41.5190, 0.2594,
0.2547

32.9408, 0.2399,
0.2258

51.5181, 0.2780,
0.2814

25.7133, 0.2202,
0.1955

62.9941, 0.2953,
0.3054

19.7676, 0.2012,
0.1649

76.0061, 0.3110,
0.3267

15.0267, 0.1841,
0.1358

90.6083, 0.3252,
0.3454

11.4047, 0.1701,
0.1099

98.3833, 0.3285,
0.3552

■ 8.8035, 0.1600,
0.0890

■ 7.2417, 0.1543,
0.0753

Harmonies

Analogous

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



41.5190, 0.2343, 0.2627



41.5190, 0.2594, 0.2547



41.5190, 0.3000, 0.2640

Triad

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



41.5190, 0.2594, 0.2547



41.5190, 0.4050, 0.3582



41.5190, 0.2757, 0.3760

Complementary

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



41.5190, 0.2594, 0.2547



67.5474, 0.3636, 0.3937

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.



41.5190, 0.3199, 0.4069



41.5190, 0.2594, 0.2547



41.5190, 0.3960, 0.3915

Square

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



41.5190, 0.2594, 0.2547



41.5190, 0.3868, 0.3211



41.5190, 0.3642, 0.4113



41.5190, 0.2429, 0.3306

Rectangle

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



41.5190, 0.2594, 0.2547



41.5190, 0.3315, 0.2785



41.5190, 0.3642, 0.4113



41.5190, 0.2896, 0.3888

Sweetspot

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



41.5206, 0.2594, 0.2547



84.5204, 0.2987, 0.3101



67.5791, 0.2751, 0.3448



17.5884, 0.2963, 0.3068



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.



41.5206, 0.2594, 0.2547



46.5718, 0.2476, 0.2374



39.3573, 0.2750, 0.2418



14.3118, 0.2980, 0.3092



4.3047, 0.1548, 0.0773



0.4417, 0.1617, 0.1022

Inverse Universe

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



43.5136, 0.3704, 0.3141



49.8389, 0.3867, 0.3111



70.9946, 0.3427, 0.4112



14.4109, 0.3264, 0.3247



9.6323, 0.6113, 0.3141



0.7243, 0.5725, 0.2928

Previews

White Background



This preview shows how the Yxy color 41.5190, 0.2594, 0.2547 looks on a white background.

Color Contrast Check

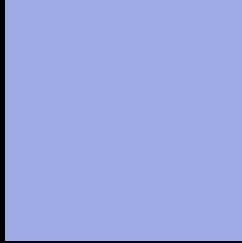
Large Text (above 18pt) WCAG AA × Fail

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 41.5190, 0.2594, 0.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

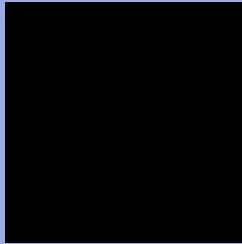
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5190, 0.2594, 0.2547

Background



This preview shows how black text looks on a background with the Yxy color 41.5190, 0.2594, 0.2547.



This preview shows how white text looks on a background with the Yxy color 41.5190, 0.2594, 0.2547.

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

41.5190, 0.2594, 0.2547

Protanopia

41.4188, 0.2587, 0.2546

Deuteranopia

41.6200, 0.2601, 0.2549



Tritanopia

41.5954, 0.2791, 0.3094

Trichromacy



Original Color

41.5190, 0.2594, 0.2547

Protanomaly

41.4188, 0.2587, 0.2546

Deuteranomaly

41.6200, 0.2601, 0.2549

Tritanomaly

41.3071, 0.2720, 0.2882

Monochromacy



Original Color

41.5190, 0.2594, 0.2547

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5708, 0.2916, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5190, 0.2594, 0.2547 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(157, 170, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 170, 228) }
```

Border

The CSS property to change the border of an element to Yxy 41.5190, 0.2594, 0.2547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

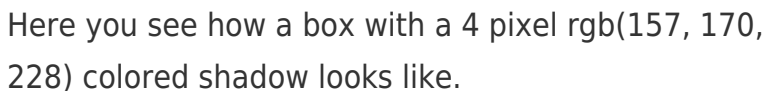
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 170, 228) }
```

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

```
.border{ border-color:rgb(157, 170, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 170, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 170, 228); box-shadow:4px 4px 4px 4px rgb(157, 170, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5190, 0.2594, 0.2547 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, 228) }
```

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

```
.background{ background-color: rgb(157,  
170, 228) }
```

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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