

Converting Colors

$Y_{xy}(35.4872, 0.2551, 0.2446)$

Have a look what the booklet for
Yxy(35.4872, 0.2551, 0.2446)
contains.

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Color

Yxy(35.4843, 0.2550, 0.2445)

Conversions

Conversions Part 1

Format	Color
Hex	939DDC
RGB	147, 157, 220
RGB Percent	58%, 62%, 86%
CMY	0.4236, 0.3843, 0.1371
CMYK	0.33, 0.29, 0.00, 0.14
HSL	232°, 51%, 72%
HSV	232°, 33%, 86%
XYZ	37.0082, 35.4843, 72.6376
YIQ	161.1920, -26.1830, 17.4730

Conversions

Conversions Part 2

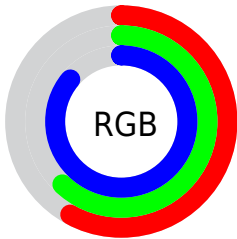
Format	Color
RYB	147, 156, 220
Decimal	9674204
CIELab	66.12, 11.13, -33.16
CIELCh	66, 34.979, 288.548
Yxy	35.4843, 0.2550, 0.2445
Android (android.graphics.Color)	4287864284 (0xFF939DDC)
YUV	161.1920, 28.9923, -12.4464
Hunter-Lab	59.5687, 6.6512, -30.5997

Details

The Yxy color **35.4843, 0.2550, 0.2445** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.4261, 0.3660, 0.4013**, and the grayscale version is **35.6055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5050, 0.2790, 0.2813**, and **15.4044, 0.2377, 0.2211** is the 20% darker color. If you saturate the color by 10%, you get **27.7104, 0.2350, 0.2137**, and if you desaturate by 10%, it is **44.6480, 0.2741, 0.2732**.

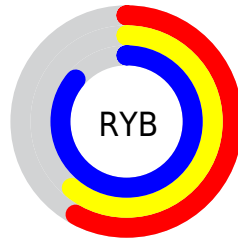
Distribution



Red (58%)

Green (62%)

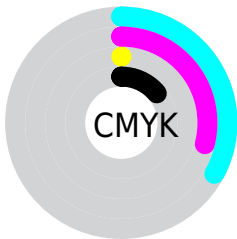
Blue (86%)



Red (58%)

Yellow (61%)

Blue (86%)

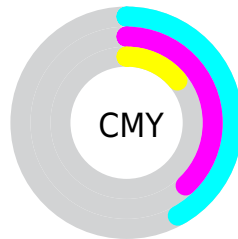


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4843, 0.2550, 0.2445 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 35.4843, 0.2550, 0.2445 by changing the saturation by 10% instead.

■ 35.4843, 0.2550,
0.2445

■ 35.4843, 0.2550,
0.2445

326.7009, 0.2848,
0.2865

■ 24.0362, 0.2474,
0.2342

■ 68.2354, 0.2660,
0.2596

■ 15.3605, 0.2376,
0.2213

■ 90.3071, 0.2700,
0.2654

■ 9.0728, 0.2246,
0.2044

116.6888, 0.2735,
0.2702

■ 4.7887, 0.2065,
0.1818

147.7648, 0.2764,
0.2744

■ 2.1238, 0.1803,
0.1504

183.9197, 0.2789,
0.2780

■ 0.6780, 0.1406,
0.1038

225.5377, 0.2811,

■ 0.0000, 0.0000,

0.2812

0.0000

273.0033, 0.2831,
0.2840

■ 35.4843, 0.2550,
0.2445

■ 35.4843, 0.2550,
0.2445

■ 27.7104, 0.2350,
0.2137

■ 44.6480, 0.2741,
0.2732

■ 21.2539, 0.2149,
0.1818

■ 55.2607, 0.2918,
0.2991

■ 16.0421, 0.1957,
0.1504

■ 67.3834, 0.3079,
0.3222

■ 11.9937, 0.1789,
0.1214

■ 81.0722, 0.3223,
0.3425

■ 9.0170, 0.1656,
0.0969

■ 96.0003, 0.3337,
0.3602

■ 7.0062, 0.1566,
0.0784

■ 97.9496, 0.3333,
0.3631

■ 6.1089, 0.1527,
0.0696

Harmonies

Analogous

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



35.4843, 0.2249, 0.2511



35.4843, 0.2550, 0.2445



35.4843, 0.3025, 0.2569

Triad

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



35.4843, 0.2550, 0.2445



35.4843, 0.4197, 0.3652



35.4843, 0.2656, 0.3793

Complementary

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



35.4843, 0.2550, 0.2445



63.4261, 0.3660, 0.4013

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.



35.4843, 0.3155, 0.4181



35.4843, 0.2550, 0.2445



35.4843, 0.4060, 0.4030

Square

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



35.4843, 0.2550, 0.2445



35.4843, 0.4017, 0.3231



35.4843, 0.3671, 0.4251



35.4843, 0.2302, 0.3253

Rectangle

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



35.4843, 0.2550, 0.2445



35.4843, 0.3392, 0.2740



35.4843, 0.3671, 0.4251



35.4843, 0.2811, 0.3951

Sweetspot

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



35.4857, 0.2550, 0.2445



82.2389, 0.2970, 0.3067



62.0167, 0.2717, 0.3428



17.1058, 0.2947, 0.3033



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.



35.4857, 0.2550, 0.2445



41.6314, 0.2408, 0.2227



34.8611, 0.2741, 0.2361



12.9040, 0.2981, 0.3082



3.6780, 0.1531, 0.0713



0.3333, 0.1598, 0.0952

Inverse Universe

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



38.5156, 0.3791, 0.3171



46.8327, 0.4003, 0.3145



64.8457, 0.3426, 0.4173



13.0805, 0.3270, 0.3258



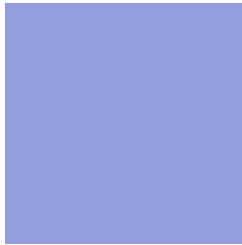
8.9951, 0.6212, 0.3196



0.5923, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 35.4843, 0.2550, 0.2445 looks on a white background.

Color Contrast Check

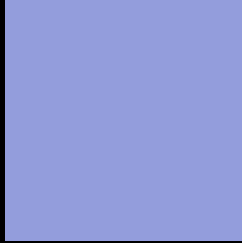
Large Text (above 18pt) WCAG AA × Fail

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 35.4843, 0.2550, 0.2445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

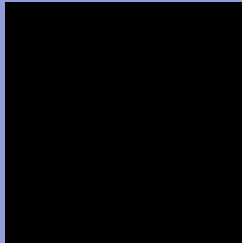
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4843, 0.2550, 0.2445

Background



This preview shows how black text looks on a background with the Yxy color 35.4843, 0.2550, 0.2445.



This preview shows how white text looks on a background with the Yxy color 35.4843, 0.2550, 0.2445.

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

35.4843, 0.2550, 0.2445

Protanopia

35.4250, 0.2509, 0.2440

Deuteranopia

35.3718, 0.2516, 0.2451



Tritanopia

35.5279, 0.2785, 0.3095

Trichromacy



Original Color

35.4843, 0.2550, 0.2445

Protanomaly

35.6035, 0.2524, 0.2443

Deuteranomaly

35.5503, 0.2530, 0.2454

Tritanomaly

35.3536, 0.2696, 0.2842

Monochromacy



Original Color

35.4843, 0.2550, 0.2445

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5869, 0.2903, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4843, 0.2550, 0.2445 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(147, 157, 220)` looks like.

```
.text, #text, p{  
    color:rgb(147, 157, 220)  
}
```

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(147, 157, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 157, 220) }
```

Border

The CSS property to change the border of an element to Yxy 35.4843, 0.2550, 0.2445 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(147, 157, 220) }
```

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

```
.border{ border-color:rgb(147, 157, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 157, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 157, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 157, 220);  
box-shadow:4px 4px 4px 4px rgb(147, 157,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4843, 0.2550, 0.2445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 157, 220) }
```

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

```
.background{ background-color: rgb(147,  
157, 220) }
```

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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