

Converting Colors

$Y_{xy}(43.7291, 0.2523, 0.2430)$

Have a look what the booklet for
Yxy(43.7291, 0.2523, 0.2430)
contains.

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Color

Yxy(43.7291, 0.2523, 0.2430)

Conversions

Conversions Part 1

Format	Color
Hex	9FADF3
RGB	159, 173, 243
RGB Percent	62%, 68%, 95%
CMY	0.3768, 0.3214, 0.0471
CMYK	0.35, 0.29, 0.00, 0.05
HSL	230°, 78%, 79%
HSV	230°, 35%, 95%
XYZ	45.4027, 43.7291, 90.8234
YIQ	176.7940, -30.8140, 18.8020

Conversions

Conversions Part 2

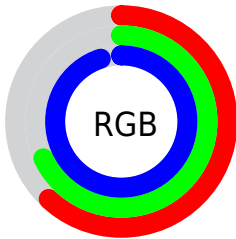
Format	Color
R_{YB}	159, 171, 243
Decimal	10464755
CIE _{Lab}	72.05, 11.34, -36.46
CIE _{LCh}	72, 38.186, 287.281
Yxy	43.7291, 0.2523, 0.2430
Android (android.graphics.Color)	4288654835 (0xFF9FADF3)
YUV	176.7940, 32.6396, -15.6053
Hunter-Lab	66.1280, 6.8320, -35.1422

Details

The Yxy color **43.7291, 0.2523, 0.2430** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **77.5098, 0.3695, 0.4023**, and the grayscale version is **43.6841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3057, 0.2883, 0.3008**, and **20.2659, 0.2359, 0.2210** is the 20% darker color. If you saturate the color by 10%, you get **34.3106, 0.2324, 0.2128**, and if you desaturate by 10%, it is **54.8121, 0.2715, 0.2711**.

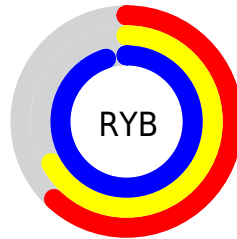
Distribution



Red (62%)

Green (68%)

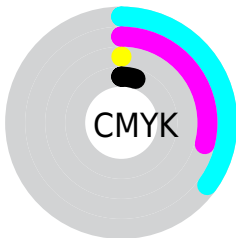
Blue (95%)



Red (62%)

Yellow (67%)

Blue (95%)

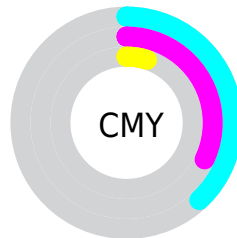


Cyan (35%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (38%)

Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7291, 0.2523, 0.2430 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 43.7291, 0.2523, 0.2430 by changing the saturation by 10% instead.

■ 43.7291, 0.2523,
0.2430

■ 43.7291, 0.2523,
0.2430

■ 361.6017, 0.2823,
0.2843

■ 30.4576, 0.2450,
0.2334

■ 80.8099, 0.2631,
0.2575

■ 20.1862, 0.2358,
0.2214

■ 105.3881, 0.2672,
0.2631

■ 12.5304, 0.2238,
0.2061

■ 134.5039, 0.2707,
0.2679

■ 7.1060, 0.2078,
0.1863

■ 168.5417, 0.2737,
0.2721

■ 3.5285, 0.1855,
0.1597

■ 207.8861, 0.2763,
0.2757

■ 1.4135, 0.1532,
0.1232

■ 252.9212, 0.2785,

■ 0.2266, 0.1001,

0.2789

0.0461

304.0316, 0.2805,
0.2817

0.0000, 0.0000,
0.0000

43.7291, 0.2523,
0.2430

43.7291, 0.2523,
0.2430

34.3106, 0.2324,
0.2128

54.8121, 0.2715,
0.2711

26.4705, 0.2126,
0.1817

67.6304, 0.2894,
0.2967

20.1220, 0.1940,
0.1510

82.2564, 0.3057,
0.3195

15.1681, 0.1777,
0.1226

98.5477, 0.3198,
0.3395

11.4993, 0.1650,
0.0985

99.2497, 0.3197,
0.3405

■ 8.9886, 0.1566,
0.0802

■ 8.0429, 0.1536,
0.0728

Harmonies

Analogous

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



43.7291, 0.2226, 0.2505



43.7291, 0.2523, 0.2430



43.7291, 0.3000, 0.2548

Triad

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



43.7291, 0.2523, 0.2430



43.7291, 0.4216, 0.3638



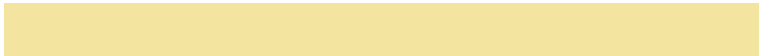
43.7291, 0.2666, 0.3824

Complementary

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



43.7291, 0.2523, 0.2430



77.5098, 0.3695, 0.4023

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.



43.7291, 0.3177, 0.4209



43.7291, 0.2523, 0.2430



43.7291, 0.4088, 0.4027

Square

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



43.7291, 0.2523, 0.2430



43.7291, 0.4019, 0.3211



43.7291, 0.3700, 0.4264



43.7291, 0.2299, 0.3275

Rectangle

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



43.7291, 0.2523, 0.2430



43.7291, 0.3372, 0.2719



43.7291, 0.3700, 0.4264



43.7291, 0.2826, 0.3983

Sweetspot

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



43.7308, 0.2523, 0.2430



82.6829, 0.2971, 0.3075



77.0270, 0.2714, 0.3469



17.2124, 0.2947, 0.3042



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.



43.7308, 0.2523, 0.2430



40.7394, 0.2374, 0.2205



41.6155, 0.2697, 0.2305



16.3764, 0.2979, 0.3087



4.5457, 0.1541, 0.0747



0.5260, 0.1596, 0.0946

Inverse Universe

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



46.8344, 0.3810, 0.3137



45.1576, 0.4034, 0.3104



81.2413, 0.3459, 0.4212



16.5279, 0.3267, 0.3250



10.5583, 0.6155, 0.3164



0.9407, 0.5840, 0.2991

Previews

White Background



This preview shows how the Yxy color 43.7291, 0.2523, 0.2430 looks on a white background.

Color Contrast Check

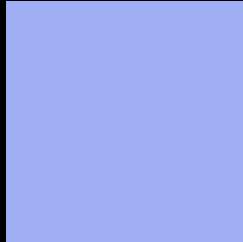
Large Text (above 18pt) WCAG AA × Fail

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 43.7291, 0.2523, 0.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

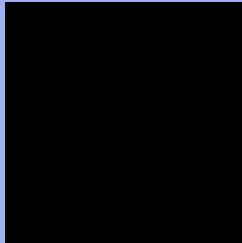
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7291, 0.2523, 0.2430

Background



This preview shows how black text looks on a background with the Yxy color 43.7291, 0.2523, 0.2430.



This preview shows how white text looks on a background with the Yxy color 43.7291, 0.2523, 0.2430.

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

43.7291, 0.2523, 0.2430

Protanopia

43.7723, 0.2493, 0.2426

Deuteranopia

43.7117, 0.2499, 0.2436



Tritanopia

43.7373, 0.2754, 0.3096

Trichromacy



Original Color

43.7291, 0.2523, 0.2430

Protanomaly

43.8717, 0.2500, 0.2428

Deuteranomaly

43.8111, 0.2505, 0.2438

Tritanomaly

43.7197, 0.2667, 0.2839

Monochromacy



Original Color

43.7291, 0.2523, 0.2430

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8138, 0.2883, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7291, 0.2523, 0.2430 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(159, 173, 243)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 243)  
}
```

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(159, 173, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 243) }
```

Border

The CSS property to change the border of an element to Yxy 43.7291, 0.2523, 0.2430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

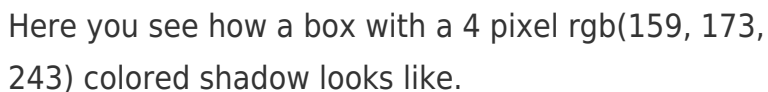
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 173, 243) }
```

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

```
.border{ border-color:rgb(159, 173, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 173, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 173, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 173, 243); box-shadow:4px 4px 4px 4px rgb(159, 173, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7291, 0.2523, 0.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 243) }
```

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

```
.background{ background-color: rgb(159,  
173, 243) }
```

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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