

Converting Colors

$Y_{xy}(43.2871, 0.2508, 0.2549)$

Have a look what the booklet for
Yxy(43.2871, 0.2508, 0.2549)
contains.

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Color

Yxy(43.2871, 0.2508, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	94B0EA
RGB	148, 176, 234
RGB Percent	58%, 69%, 92%
CMY	0.4195, 0.3098, 0.0824
CMYK	0.37, 0.25, 0.00, 0.08
HSL	220°, 67%, 75%
HSV	220°, 37%, 92%
XYZ	42.5908, 43.2871, 83.9420
YIQ	174.2400, -35.3060, 12.1020

Conversions

Conversions Part 2

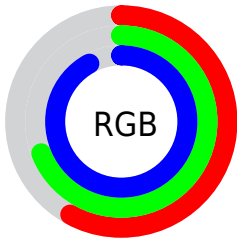
Format	Color
R_{YB}	148, 169, 234
Decimal	9744618
CIE _{Lab}	71.75, 4.39, -32.10
CIE _{LCh}	72, 32.394, 277.780
Yxy	43.2871, 0.2508, 0.2549
Android (android.graphics.Color)	4287934698 (0xFF94B0EA)
YUV	174.2400, 29.4617, -23.0125
Hunter-Lab	65.7929, 0.4138, -29.5902

Details

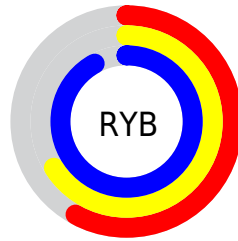
The Yxy color **43.2871, 0.2508, 0.2549** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.7786, 0.3782, 0.3931**, and the grayscale version is **42.3195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2092, 0.2811, 0.3034**, and **20.0093, 0.2342, 0.2359** is the 20% darker color. If you saturate the color by 10%, you get **35.4882, 0.2326, 0.2302**, and if you desaturate by 10%, it is **52.2501, 0.2688, 0.2779**.

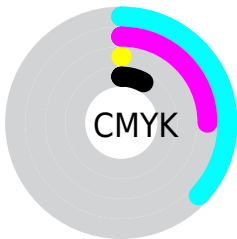
Distribution



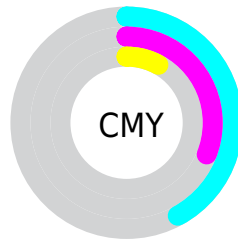
- Red (58%)
- Green (69%)
- Blue (92%)



- Red (58%)
- Yellow (66%)
- Blue (92%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2871, 0.2508, 0.2549 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 43.2871, 0.2508, 0.2549 by changing the saturation by 10% instead.

■ 43.2871, 0.2508,
0.2549

■ 43.2871, 0.2508,
0.2549

■ 359.7911, 0.2815,
0.2911

■ 30.1104, 0.2433,
0.2462

■ 80.1439, 0.2618,
0.2678

■ 19.9224, 0.2339,
0.2353

■ 104.5929, 0.2660,
0.2727

■ 12.3387, 0.2216,
0.2213

■ 133.5681, 0.2696,
0.2769

■ 6.9748, 0.2051,
0.2026

■ 167.4539, 0.2726,
0.2806

■ 3.4463, 0.1821,
0.1769

■ 206.6347, 0.2753,
0.2837

■ 1.3689, 0.1484,
0.1401

■ 251.4949, 0.2776,

■ 0.1937, 0.0758,

0.2865

0.0504

302.4189, 0.2797,
0.2889

0.0000, 0.0000,
0.0000

43.2871, 0.2508,
0.2549

43.2871, 0.2508,
0.2549

35.4882, 0.2326,
0.2302

52.2501, 0.2688,
0.2779

28.7971, 0.2150,
0.2044

62.4201, 0.2861,
0.2988

23.1600, 0.1985,
0.1783

73.8436, 0.3024,
0.3176

18.5157, 0.1841,
0.1530

86.5634, 0.3175,
0.3342

14.7955, 0.1726,
0.1296

98.6697, 0.3250,
0.3492

■ 11.9177, 0.1643,
0.1093

■ 98.7198, 0.3250,
0.3493

■ 11.1285, 0.1621,
0.1034

Harmonies

Analogous

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



43.2871, 0.2306, 0.2678



43.2871, 0.2508, 0.2549



43.2871, 0.2879, 0.2598

Triad

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



43.2871, 0.2508, 0.2549



43.2871, 0.4029, 0.3483



43.2871, 0.2868, 0.3865

Complementary

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



43.2871, 0.2508, 0.2549



63.7786, 0.3782, 0.3931

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.



43.2871, 0.3323, 0.4110



43.2871, 0.2508, 0.2549



43.2871, 0.4012, 0.3836

Square

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



43.2871, 0.2508, 0.2549



43.2871, 0.3780, 0.3115



43.2871, 0.3746, 0.4081



43.2871, 0.2499, 0.3431

Rectangle

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



43.2871, 0.2508, 0.2549



43.2871, 0.3187, 0.2719



43.2871, 0.3746, 0.4081



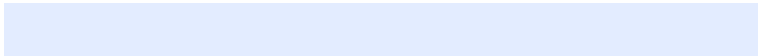
43.2871, 0.3015, 0.3976

Sweetspot

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



43.2888, 0.2508, 0.2549



83.5786, 0.2955, 0.3097



69.5607, 0.2761, 0.3644



17.4844, 0.2932, 0.3072



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.



43.2888, 0.2508, 0.2549



45.4072, 0.2372, 0.2366



34.8463, 0.2563, 0.2210



15.3494, 0.2980, 0.3126



6.4577, 0.1628, 0.1062



0.6764, 0.1705, 0.1337

Inverse Universe

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



41.8130, 0.3725, 0.2975



44.1122, 0.3907, 0.2911



76.1401, 0.3572, 0.4238



15.1349, 0.3242, 0.3214



10.1447, 0.5667, 0.2895



0.8137, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 43.2871, 0.2508, 0.2549 looks on a white background.

Color Contrast Check

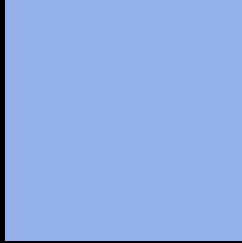
Large Text (above 18pt) WCAG AA × Fail

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 43.2871, 0.2508, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

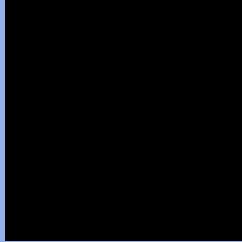
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

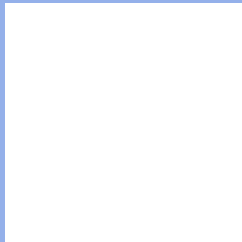
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2871, 0.2508, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 43.2871, 0.2508, 0.2549.



This preview shows how white text looks on a background with the Yxy color 43.2871, 0.2508, 0.2549.

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

43.2871, 0.2508, 0.2549

Protanopia

43.0843, 0.2588, 0.2546

Deuteranopia

43.3589, 0.2577, 0.2515



Tritanopia

43.3872, 0.2685, 0.3093

Trichromacy



Original Color

43.2871, 0.2508, 0.2549

Protanomaly

43.1239, 0.2556, 0.2542

Deuteranomaly

43.3382, 0.2551, 0.2522

Tritanomaly

43.0464, 0.2618, 0.2882

Monochromacy



Original Color

43.2871, 0.2508, 0.2549

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6448, 0.2879, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2871, 0.2508, 0.2549 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(148, 176, 234)` looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 234)  
}
```

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(148, 176, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 234) }
```

Border

The CSS property to change the border of an element to Yxy 43.2871, 0.2508, 0.2549 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(148, 176, 234) }
```

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

```
.border{ border-color:rgb(148, 176, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 234);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2871, 0.2508, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 234) }
```

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

```
.background{ background-color: rgb(148,  
176, 234) }
```

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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