

Converting Colors

Yxy(43.1716, 0.2555, 0.2409)

Have a look what the booklet for
Yxy(43.1716, 0.2555, 0.2409)
contains.

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Color

Yxy(43.0528, 0.2558, 0.2410)

Conversions

Conversions Part 1

Format	Color
Hex	A4AAF2
RGB	164, 170, 242
RGB Percent	64%, 67%, 95%
CMY	0.3572, 0.3332, 0.0510
CMYK	0.32, 0.30, 0.00, 0.05
HSL	235°, 75%, 80%
HSV	235°, 32%, 95%
XYZ	45.6967, 43.0528, 89.8928
YIQ	176.4140, -26.6880, 21.1200

Conversions

Conversions Part 2

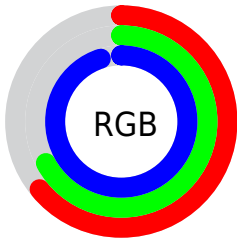
Format	Color
RYB	164, 170, 242
Decimal	10791666
CIELab	71.59, 14.15, -36.60
CIELCh	72, 39.245, 291.138
Yxy	43.0528, 0.2558, 0.2410
Android (android.graphics.Color)	4288981746 (0xFFA4AAF2)
YUV	176.4140, 32.3339, -10.8871
Hunter-Lab	65.6146, 9.4891, -35.2978

Details

The Yxy color **43.0528, 0.2558, 0.2410** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **81.4701, 0.3633, 0.4040**, and the grayscale version is **43.4767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4426, 0.2914, 0.2978**, and **19.8170, 0.2400, 0.2184** is the 20% darker color. If you saturate the color by 10%, you get **33.0549, 0.2351, 0.2082**, and if you desaturate by 10%, it is **54.9624, 0.2754, 0.2716**.

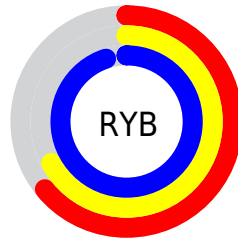
Distribution



Red (64%)

Green (67%)

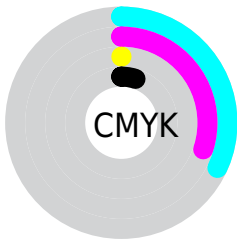
Blue (95%)



Red (64%)

Yellow (67%)

Blue (95%)

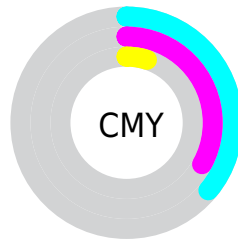


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (36%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0528, 0.2558, 0.2410 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 43.0528, 0.2558, 0.2410 by changing the saturation by 10% instead.

■ 43.0528, 0.2558,
0.2410

■ 43.0528, 0.2558,
0.2410

■ 358.8289, 0.2843,
0.2831

■ 29.9265, 0.2488,
0.2312

■ 79.7905, 0.2661,
0.2558

■ 19.7828, 0.2400,
0.2190

■ 104.1708, 0.2700,
0.2615

■ 12.2373, 0.2284,
0.2035

■ 133.0712, 0.2733,
0.2664

■ 6.9055, 0.2129,
0.1834

■ 166.8761, 0.2761,
0.2707

■ 3.4031, 0.1911,
0.1564

■ 205.9699, 0.2786,
0.2744

■ 1.3456, 0.1592,
0.1196

■ 250.7371, 0.2807,

■ 0.1761, 0.1075,

0.2776

0.0369

301.5619, 0.2826,
0.2805

0.0000, 0.0000,
0.0000

43.0528, 0.2558,
0.2410

43.0528, 0.2558,
0.2410

33.0549, 0.2351,
0.2082

54.9624, 0.2754,
0.2716

24.8644, 0.2142,
0.1744

68.8709, 0.2933,
0.2993

18.3743, 0.1944,
0.1415

84.8662, 0.3093,
0.3239

13.4647, 0.1770,
0.1120

99.1899, 0.3203,
0.3415

9.9995, 0.1635,
0.0881

■ 7.8197, 0.1548,
0.0715

■ 6.8736, 0.1511,
0.0639

Harmonies

Analogous

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



43.0528, 0.2227, 0.2459



43.0528, 0.2558, 0.2410



43.0528, 0.3067, 0.2555

Triad

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



43.0528, 0.2558, 0.2410



43.0528, 0.4253, 0.3702



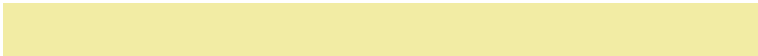
43.0528, 0.2591, 0.3774

Complementary

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



43.0528, 0.2558, 0.2410



81.4701, 0.3633, 0.4040

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.



43.0528, 0.3105, 0.4208



43.0528, 0.2558, 0.2410



43.0528, 0.4079, 0.4092

Square

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



43.0528, 0.2558, 0.2410



43.0528, 0.4093, 0.3263



43.0528, 0.3652, 0.4308



43.0528, 0.2240, 0.3201

Rectangle

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



43.0528, 0.2558, 0.2410



43.0528, 0.3454, 0.2742



43.0528, 0.3652, 0.4308



43.0528, 0.2750, 0.3947

Sweetspot

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



43.0545, 0.2558, 0.2410



81.3903, 0.2970, 0.3051



77.4047, 0.2699, 0.3363



16.9024, 0.2947, 0.3015



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.



43.0545, 0.2558, 0.2410



40.5564, 0.2417, 0.2187



44.7276, 0.2793, 0.2395



15.4274, 0.2979, 0.3065



3.7681, 0.1514, 0.0650



0.3818, 0.1548, 0.0774

Inverse Universe

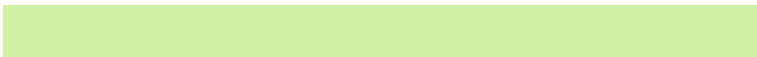
The Inverse Universe completely reimagines the original color for something new.



48.2999, 0.3814, 0.3225



47.5425, 0.4031, 0.3211



79.7944, 0.3383, 0.4162



15.7789, 0.3281, 0.3272



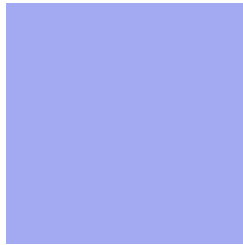
10.1737, 0.6315, 0.3253



0.8533, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 43.0528, 0.2558, 0.2410 looks on a white background.

Color Contrast Check

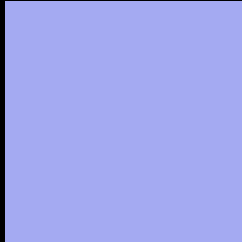
Large Text (above 18pt) WCAG AA × Fail

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 43.0528, 0.2558, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

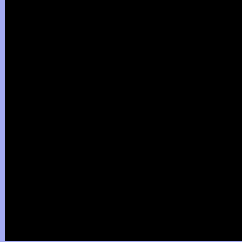
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0528, 0.2558, 0.2410

Background



This preview shows how black text looks on a background with the Yxy color 43.0528, 0.2558, 0.2410.



This preview shows how white text looks on a background with the Yxy color 43.0528, 0.2558, 0.2410.

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

43.0528, 0.2558, 0.2410

Protanopia

43.1911, 0.2478, 0.2410

Deuteranopia

43.1080, 0.2502, 0.2443



Tritanopia

42.9075, 0.2802, 0.3083

Trichromacy



Original Color

43.0528, 0.2558, 0.2410

Protanomaly

43.1442, 0.2508, 0.2414

Deuteranomaly

43.1250, 0.2527, 0.2436

Tritanomaly

42.9219, 0.2712, 0.2827

Monochromacy



Original Color

43.0528, 0.2558, 0.2410

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2129, 0.2906, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0528, 0.2558, 0.2410 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(164, 170, 242)` looks like.

```
.text, #text, p{  
    color:rgb(164, 170, 242)  
}
```

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(164, 170, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 170, 242) }
```

Border

The CSS property to change the border of an element to Yxy 43.0528, 0.2558, 0.2410 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(164, 170, 242) }
```

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

```
.border{ border-color:rgb(164, 170, 242) }
```

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

Here you see how a box with a 4 pixel rgb(164, 170, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 170, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 170, 242);  
box-shadow:4px 4px 4px 4px rgb(164, 170,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0528, 0.2558, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 170, 242) }
```

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

```
.background{ background-color: rgb(164,  
170, 242) }
```

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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