

Converting Colors

Yxy(43.8184, 0.2543, 0.2419)

Have a look what the booklet for
Yxy(43.8184, 0.2543, 0.2419)
contains.

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Color

Yxy(43.8232, 0.2543, 0.2413)

Conversions

Conversions Part 1

Format	Color
Hex	A3ACF4
RGB	163, 172, 244
RGB Percent	64%, 67%, 96%
CMY	0.3608, 0.3255, 0.0432
CMYK	0.33, 0.30, 0.00, 0.04
HSL	233°, 79%, 80%
HSV	233°, 33%, 96%
XYZ	46.1842, 43.8232, 91.6056
YIQ	177.5170, -28.4760, 20.4840

Conversions

Conversions Part 2

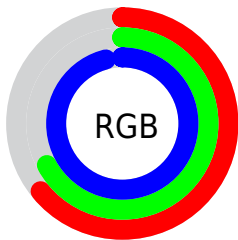
Format	Color
R _Y B	163, 171, 244
Decimal	10726644
CIE Lab	72.11, 13.30, -36.89
CIE LCh	72, 39.217, 289.826
Yxy	43.8232, 0.2543, 0.2413
Android (android.graphics.Color)	4288916724 (0xFFA3ACF4)
YUV	177.5170, 32.7761, -12.7314
Hunter-Lab	66.1991, 8.6831, -35.7055

Details

The Yxy color $43.8232, 0.2543, 0.2413$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81.2845, 0.3656, 0.4037$, and the grayscale version is $44.0886, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3738, 0.2908, 0.2999$, and $20.2720, 0.2390, 0.2203$ is the 20% darker color. If you saturate the color by 10%, you get $33.9007, 0.2339, 0.2094$, and if you desaturate by 10%, it is $55.5928, 0.2737, 0.2711$.

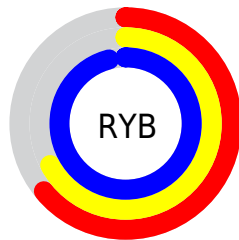
Distribution



Red (64%)

Green (67%)

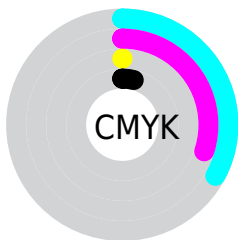
Blue (96%)



Red (64%)

Yellow (67%)

Blue (96%)

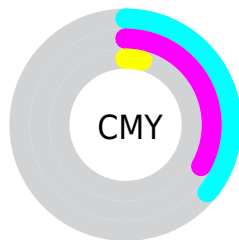


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (36%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8232, 0.2543, 0.2413 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 43.8232, 0.2543, 0.2413 by changing the saturation by 10% instead.

■ 43.8232, 0.2543,
0.2413

■ 43.8232, 0.2543,
0.2413

■ 361.9863, 0.2834,
0.2832

■ 30.5315, 0.2472,
0.2315

■ 80.9516, 0.2648,
0.2560

■ 20.2424, 0.2382,
0.2195

■ 105.5572, 0.2687,
0.2617

■ 12.5714, 0.2266,
0.2041

■ 134.7029, 0.2721,
0.2666

■ 7.1341, 0.2110,
0.1842

■ 168.7730, 0.2750,
0.2708

■ 3.5461, 0.1892,
0.1576

■ 208.1520, 0.2775,
0.2745

■ 1.4230, 0.1575,
0.1213

■ 253.2243, 0.2797,

■ 0.2336, 0.1076,

0.2777

0.0460

304.3743, 0.2817,
0.2806

0.0000, 0.0000,
0.0000

43.8232, 0.2543,
0.2413

43.8232, 0.2543,
0.2413

33.9007, 0.2339,
0.2094

55.5928, 0.2737,
0.2711

25.7263, 0.2134,
0.1765

69.2917, 0.2917,
0.2980

19.1994, 0.1940,
0.1445

85.0031, 0.3079,
0.3220

14.2071, 0.1770,
0.1153

99.3112, 0.3191,
0.3396

10.6218, 0.1638,
0.0913

■ 8.2949, 0.1552,
0.0741

■ 7.3211, 0.1518,
0.0665

Harmonies

Analogous

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



43.8232, 0.2222, 0.2471



43.8232, 0.2543, 0.2413



43.8232, 0.3043, 0.2550

Triad

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



43.8232, 0.2543, 0.2413



43.8232, 0.4246, 0.3681



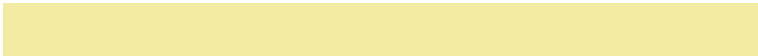
43.8232, 0.2615, 0.3794

Complementary

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



43.8232, 0.2543, 0.2413



81.2845, 0.3656, 0.4037

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.



43.8232, 0.3130, 0.4214



43.8232, 0.2543, 0.2413



43.8232, 0.4087, 0.4073

Square

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



43.8232, 0.2543, 0.2413



43.8232, 0.4072, 0.3244



43.8232, 0.3671, 0.4298



43.8232, 0.2256, 0.3226

Rectangle

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



43.8232, 0.2543, 0.2413



43.8232, 0.3427, 0.2732



43.8232, 0.3671, 0.4298



43.8232, 0.2774, 0.3963

Sweetspot

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



43.8249, 0.2543, 0.2413



81.8628, 0.2970, 0.3060



78.4549, 0.2701, 0.3397



17.0156, 0.2947, 0.3025



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.



43.8249, 0.2543, 0.2413



40.6660, 0.2403, 0.2195



44.2008, 0.2760, 0.2360



16.2233, 0.2979, 0.3073



4.0769, 0.1522, 0.0679



0.4537, 0.1565, 0.0834

Inverse Universe

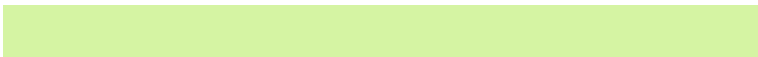
The Inverse Universe completely reimagines the original color for something new.



48.4046, 0.3816, 0.3193



46.7352, 0.4031, 0.3173



81.4789, 0.3409, 0.4184



16.5125, 0.3276, 0.3264



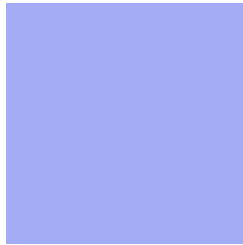
10.5109, 0.6268, 0.3226



0.9334, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 43.8232, 0.2543, 0.2413 looks on a white background.

Color Contrast Check

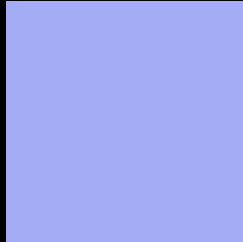
Large Text (above 18pt) WCAG AA × Fail

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 43.8232, 0.2543, 0.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

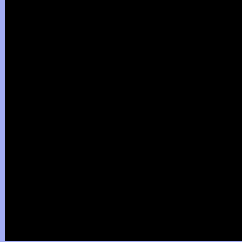
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8232, 0.2543, 0.2413

Background



This preview shows how black text looks on a background with the Yxy color 43.8232, 0.2543, 0.2413.



This preview shows how white text looks on a background with the Yxy color 43.8232, 0.2543, 0.2413.

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

43.8232, 0.2543, 0.2413

Protanopia

43.8945, 0.2482, 0.2406

Deuteranopia

43.7117, 0.2499, 0.2436



Tritanopia

43.7087, 0.2783, 0.3084

Trichromacy



Original Color

43.8232, 0.2543, 0.2413

Protanomaly

43.7488, 0.2505, 0.2408

Deuteranomaly

43.6273, 0.2517, 0.2428

Tritanomaly

43.7128, 0.2694, 0.2828

Monochromacy



Original Color

43.8232, 0.2543, 0.2413

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1992, 0.2900, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8232, 0.2543, 0.2413 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(163, 172, 244)` looks like.

```
.text, #text, p{  
    color:rgb(163, 172, 244)  
}
```

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(163, 172, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 172, 244) }
```

Border

The CSS property to change the border of an element to Yxy 43.8232, 0.2543, 0.2413 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(163, 172, 244) }
```

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

```
.border{ border-color:rgb(163, 172, 244) }
```

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

Here you see how a box with a 4 pixel rgb(163, 172, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 172, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 172, 244);  
box-shadow:4px 4px 4px 4px rgb(163, 172,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8232, 0.2543, 0.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 172, 244) }
```

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

```
.background{ background-color: rgb(163,  
172, 244) }
```

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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