

Converting Colors

$Yxy(44.9234, 0.2613, 0.2426)$

Have a look what the booklet for
Yxy(44.9234, 0.2613, 0.2426)
contains.

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Color

Yxy(44.9209, 0.2612, 0.2429)

Conversions

Conversions Part 1

Format	Color
Hex	ADACF4
RGB	173, 172, 244
RGB Percent	68%, 67%, 96%
CMY	0.3218, 0.3254, 0.0431
CMYK	0.29, 0.29, 0.00, 0.04
HSL	241°, 77%, 82%
HSV	241°, 29%, 96%
XYZ	48.3052, 44.9209, 91.7097
YIQ	180.5070, -22.5160, 22.6040

Conversions

Conversions Part 2

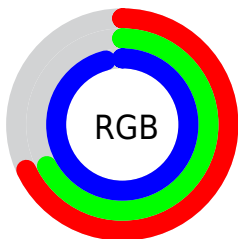
Format	Color
RYB	173, 172, 244
Decimal	11382004
CIELab	72.84, 16.08, -35.71
CIELCh	73, 39.162, 294.250
Yxy	44.9209, 0.2612, 0.2429
Android (android.graphics.Color)	4289572084 (0xFFADACF4)
YUV	180.5070, 31.3020, -6.5836
Hunter-Lab	67.0231, 11.3592, -34.2121

Details

The Yxy color $44.9209, 0.2612, 0.2429$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $86.7469, 0.3567, 0.4030$, and the grayscale version is $45.7631, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9812, 0.2973, 0.3005$, and $20.9427, 0.2476, 0.2226$ is the 20% darker color. If you saturate the color by 10%, you get $33.9691, 0.2403, 0.2081$, and if you desaturate by 10%, it is $58.0762, 0.2806, 0.2753$.

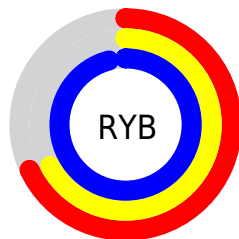
Distribution



Red (68%)

Green (67%)

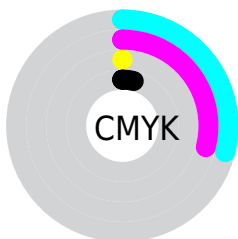
Blue (96%)



Red (68%)

Yellow (67%)

Blue (96%)

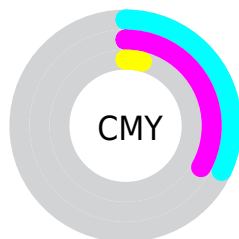


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9209, 0.2612, 0.2429 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 44.9209, 0.2612, 0.2429 by changing the saturation by 10% instead.

■ 44.9209, 0.2612,
0.2429

■ 44.9209, 0.2612,
0.2429

366.4531, 0.2870,
0.2838

■ 31.3951, 0.2549,
0.2334

■ 82.6017, 0.2705,
0.2572

■ 20.8999, 0.2469,
0.2217

107.5255, 0.2740,
0.2628

■ 13.0509, 0.2365,
0.2069

137.0175, 0.2770,
0.2675

■ 7.4636, 0.2224,
0.1876

171.4620, 0.2796,
0.2716

■ 3.7537, 0.2027,
0.1619

211.2434, 0.2818,
0.2752

■ 1.5367, 0.1735,
0.1267

256.7461, 0.2837,


■ 0.3144, 0.1299,


0.2784


0.0591

308.3546, 0.2854,
0.2813

 0.0000, 0.0000,
0.0000

 44.9209, 0.2612,
0.2429


 44.9209, 0.2612,
0.2429


 33.9691, 0.2403,
0.2081


 58.0762, 0.2806,
0.2753


 25.0954, 0.2187,
0.1722


 73.5406, 0.2981,
0.3045

 18.1701, 0.1978,
0.1377

 91.4192, 0.3134,
0.3302

 13.0468, 0.1792,
0.1071

 99.3115, 0.3191,
0.3396

 9.5584, 0.1646,
0.0832

■ 7.5066, 0.1550,
0.0677

■ 6.5860, 0.1505,
0.0604

■ 6.5517, 0.1503,
0.0602

Harmonies

Analogous

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



44.9209, 0.2264, 0.2457



44.9209, 0.2612, 0.2429



44.9209, 0.3127, 0.2590

Triad

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



44.9209, 0.2612, 0.2429



44.9209, 0.4232, 0.3741



44.9209, 0.2555, 0.3709

Complementary

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



44.9209, 0.2612, 0.2429



86.7469, 0.3567, 0.4030

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.



44.9209, 0.3050, 0.4161



44.9209, 0.2612, 0.2429



44.9209, 0.4031, 0.4113

Square

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



44.9209, 0.2612, 0.2429



44.9209, 0.4109, 0.3309



44.9209, 0.3592, 0.4298



44.9209, 0.2230, 0.3147

Rectangle

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



44.9209, 0.2612, 0.2429



44.9209, 0.3508, 0.2785



44.9209, 0.3592, 0.4298



44.9209, 0.2706, 0.3885

Sweetspot

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



44.9227, 0.2612, 0.2429



82.1749, 0.2989, 0.3058



80.0043, 0.2701, 0.3289



17.0162, 0.2965, 0.3018



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.



44.9227, 0.2612, 0.2429



42.6057, 0.2497, 0.2237



49.4559, 0.2874, 0.2489



15.9369, 0.2981, 0.3045



3.5670, 0.1504, 0.0602



0.3170, 0.1514, 0.0608

Inverse Universe

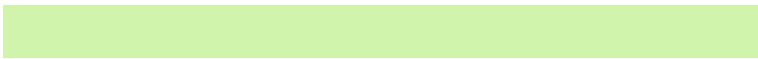
The Inverse Universe completely reimagines the original color for something new.



55.2213, 0.3169, 0.2564



55.5881, 0.3177, 0.2429



81.0904, 0.3322, 0.4093



16.7644, 0.3140, 0.3060



13.9086, 0.3241, 0.1559



1.2236, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 44.9209, 0.2612, 0.2429 looks on a white background.

Color Contrast Check

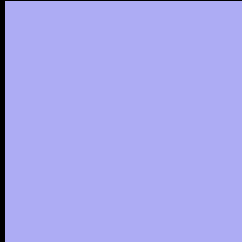
Large Text (above 18pt) WCAG AA × Fail

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 44.9209, 0.2612, 0.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

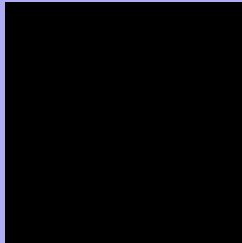
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9209, 0.2612, 0.2429

Background



This preview shows how black text looks on a background with the Yxy color 44.9209, 0.2612, 0.2429.



This preview shows how white text looks on a background with the Yxy color 44.9209, 0.2612, 0.2429.

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

44.9209, 0.2612, 0.2429

Protanopia

44.9342, 0.2493, 0.2424

Deuteranopia

44.8927, 0.2529, 0.2468



Tritanopia

44.8198, 0.2867, 0.3089

Trichromacy



Original Color

44.9209, 0.2612, 0.2429

Protanomaly

45.1003, 0.2536, 0.2430

Deuteranomaly

45.0235, 0.2560, 0.2462

Tritanomaly

44.8604, 0.2776, 0.2839

Monochromacy



Original Color

44.9209, 0.2612, 0.2429

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6654, 0.2926, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9209, 0.2612, 0.2429 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(173, 172, 244)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 172, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 244) }
```

Border

The CSS property to change the border of an element to Yxy 44.9209, 0.2612, 0.2429 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(173, 172, 244) }
```

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

```
.border{ border-color:rgb(173, 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(173, 172, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 244);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9209, 0.2612, 0.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 244) }
```

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

```
.background{ background-color: rgb(173,  
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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