

Converting Colors

$Yxy(44.0823, 0.2657, 0.2495)$

Have a look what the booklet for
Yxy(44.0823, 0.2657, 0.2495)
contains.

Yxy(44.0662, 0.2661, 0.2498)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.0662, 0.2661, 0.2498)

Conversions

Conversions Part 1

Format	Color
Hex	ADABEC
RGB	173, 171, 236
RGB Percent	68%, 67%, 93%
CMY	0.3215, 0.3294, 0.0745
CMYK	0.27, 0.28, 0.00, 0.07
HSL	242°, 63%, 80%
HSV	242°, 28%, 93%
XYZ	46.9416, 44.0662, 85.3981
YIQ	179.0080, -19.6730, 20.6390

Conversions

Conversions Part 2

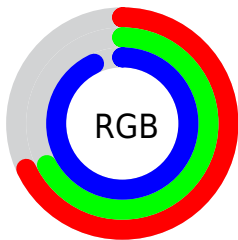
Format	Color
RYB	173, 171, 236
Decimal	11381740
CIELab	72.27, 14.74, -32.25
CIELCh	72, 35.456, 294.562
Yxy	44.0662, 0.2661, 0.2498
Android (android.graphics.Color)	4289571820 (0xFFADABEC)
YUV	179.0080, 28.0971, -5.2690
Hunter-Lab	66.3824, 10.0553, -29.8064

Details

The Yxy color $44.0662, 0.2661, 0.2498$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80.4290, 0.3529, 0.3982$, and the grayscale version is $44.9418, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2707, 0.2966, 0.2994$, and $20.4109, 0.2528, 0.2299$ is the 20% darker color. If you saturate the color by 10%, you get $33.5462, 0.2458, 0.2156$, and if you desaturate by 10%, it is $56.6276, 0.2848, 0.2814$.

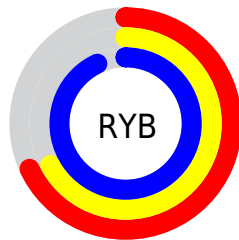
Distribution



Red (68%)

Green (67%)

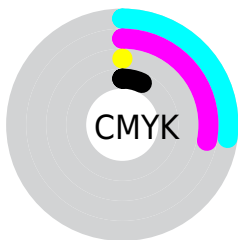
Blue (93%)



Red (68%)

Yellow (67%)

Blue (93%)

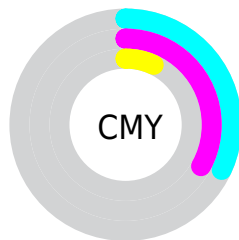


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0662, 0.2661, 0.2498 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 44.0662, 0.2661, 0.2498 by changing the saturation by 10% instead.

■ 44.0662, 0.2661,
0.2498

■ 44.0662, 0.2661,
0.2498

362.9784, 0.2896,
0.2878

■ 30.7226, 0.2603,
0.2409

■ 81.3173, 0.2746,
0.2632

■ 20.3877, 0.2529,
0.2298

105.9936, 0.2778,
0.2683

■ 12.6772, 0.2432,
0.2156

135.2163, 0.2805,
0.2727

■ 7.2066, 0.2300,
0.1970

169.3696, 0.2828,
0.2766

■ 3.5917, 0.2111,
0.1718

208.8381, 0.2849,
0.2799

■ 1.4479, 0.1826,
0.1364

254.0062, 0.2866,

■ 0.2516, 0.1368,

0.2828

0.0575

305.2581, 0.2882,
0.2854

0.0000, 0.0000,
0.0000

44.0662, 0.2661,
0.2498

44.0662, 0.2661,
0.2498

33.5462, 0.2458,
0.2156

56.6276, 0.2848,
0.2814

24.9549, 0.2245,
0.1800

71.3246, 0.3015,
0.3098

18.1767, 0.2035,
0.1452

88.2519, 0.3161,
0.3348

13.0817, 0.1843,
0.1137

98.8369, 0.3238,
0.3473

9.5227, 0.1686,
0.0882

■ 7.3268, 0.1575,
0.0707

■ 6.2678, 0.1516,
0.0618

■ 6.1044, 0.1507,
0.0604

Harmonies

Analogous

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



44.0662, 0.2336, 0.2525



44.0662, 0.2661, 0.2498



44.0662, 0.3135, 0.2648

Triad

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



44.0662, 0.2661, 0.2498



44.0662, 0.4134, 0.3715



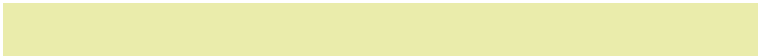
44.0662, 0.2602, 0.3666

Complementary

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



44.0662, 0.2661, 0.2498



80.4290, 0.3529, 0.3982

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.



44.0662, 0.3056, 0.4074



44.0662, 0.2661, 0.2498



44.0662, 0.3952, 0.4050

Square

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



44.0662, 0.2661, 0.2498



44.0662, 0.4023, 0.3316



44.0662, 0.3551, 0.4207



44.0662, 0.2302, 0.3159

Rectangle

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



44.0662, 0.2661, 0.2498



44.0662, 0.3481, 0.2829



44.0662, 0.3551, 0.4207



44.0662, 0.2740, 0.3824

Sweetspot

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



44.0679, 0.2661, 0.2498



84.1103, 0.3007, 0.3085



74.0910, 0.2725, 0.3276



17.4048, 0.2983, 0.3044



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.



44.0679, 0.2661, 0.2498



45.2276, 0.2549, 0.2309



48.1017, 0.2903, 0.2550



14.5713, 0.2985, 0.3047



3.3747, 0.1510, 0.0605



0.2729, 0.1537, 0.0620

Inverse Universe

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



52.8991, 0.3175, 0.2624



57.3813, 0.3186, 0.2490



75.5543, 0.3302, 0.4035



15.3052, 0.3143, 0.3065



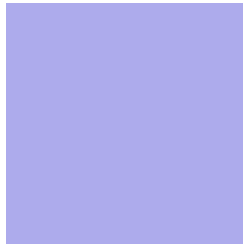
12.9408, 0.3288, 0.1585



1.0187, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 44.0662, 0.2661, 0.2498 looks on a white background.

Color Contrast Check

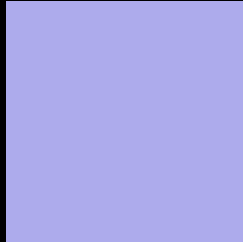
Large Text (above 18pt) WCAG AA × Fail

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 44.0662, 0.2661, 0.2498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

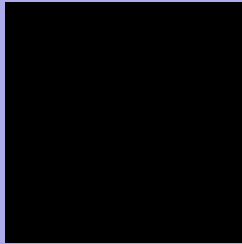
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0662, 0.2661, 0.2498

Background



This preview shows how black text looks on a background with the Yxy color 44.0662, 0.2661, 0.2498.



This preview shows how white text looks on a background with the Yxy color 44.0662, 0.2661, 0.2498.

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

44.0662, 0.2661, 0.2498

Protanopia

44.2629, 0.2550, 0.2497

Deuteranopia

43.9516, 0.2593, 0.2530



Tritanopia

44.0898, 0.2903, 0.3102

Trichromacy



Original Color

44.0662, 0.2661, 0.2498

Protanomaly

44.3377, 0.2588, 0.2501

Deuteranomaly

43.9923, 0.2619, 0.2523

Tritanomaly

43.9789, 0.2810, 0.2861

Monochromacy



Original Color

44.0662, 0.2661, 0.2498

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5679, 0.2947, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0662, 0.2661, 0.2498 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, 171, 236)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 236)  
}
```

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, 171, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 236) }
```

Border

The CSS property to change the border of an element to Yxy 44.0662, 0.2661, 0.2498 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, 171, 236) }
```

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

```
.border{ border-color:rgb(173, 171, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 236);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0662, 0.2661, 0.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 236) }
```

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

```
.background{ background-color: rgb(173,  
171, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor