

Converting Colors

Yxy(43.6590, 0.2666, 0.2496)

Have a look what the booklet for
Yxy(43.6590, 0.2666, 0.2496)
contains.

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Color

Yxy(43.6318, 0.2666, 0.2496)

Conversions

Conversions Part 1

Format	Color
Hex	ADAAEB
RGB	173, 170, 235
RGB Percent	68%, 67%, 92%
CMY	0.3216, 0.3333, 0.0784
CMYK	0.26, 0.28, 0.00, 0.08
HSL	243°, 62%, 79%
HSV	243°, 28%, 92%
XYZ	46.6035, 43.6318, 84.5716
YIQ	178.3070, -19.0770, 20.8510

Conversions

Conversions Part 2

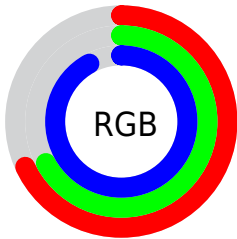
Format	Color
RYB	173, 170, 235
Decimal	11381483
CIELab	71.98, 15.04, -32.15
CIELCh	72, 35.497, 295.071
Yxy	43.6318, 0.2666, 0.2496
Android (android.graphics.Color)	4289571563 (0xFFADAAEB)
YUV	178.3070, 27.9496, -4.6542
Hunter-Lab	66.0544, 10.3424, -29.6729

Details

The Yxy color **43.6318, 0.2666, 0.2496** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **79.4860, 0.3523, 0.3986**, and the grayscale version is **44.5491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7284, 0.2966, 0.2983**, and **20.1335, 0.2533, 0.2295** is the 20% darker color. If you saturate the color by 10%, you get **33.2507, 0.2465, 0.2155**, and if you desaturate by 10%, it is **56.0202, 0.2850, 0.2812**.

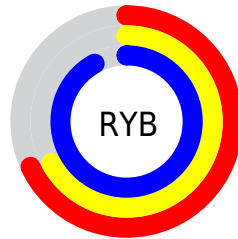
Distribution



Red (68%)

Green (67%)

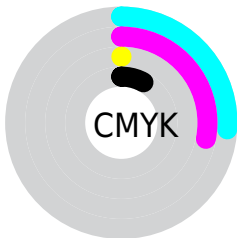
Blue (92%)



Red (68%)

Yellow (67%)

Blue (92%)

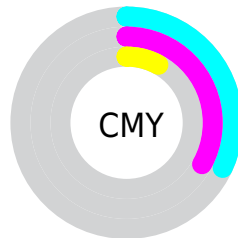


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6318, 0.2666, 0.2496 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 43.6318, 0.2666, 0.2496 by changing the saturation by 10% instead.

■ 43.6318, 0.2666,
0.2496

■ 43.6318, 0.2666,
0.2496

■ 361.2036, 0.2899,
0.2877

■ 30.3811, 0.2608,
0.2406

■ 80.6634, 0.2750,
0.2630

■ 20.1281, 0.2535,
0.2295

■ 105.2131, 0.2782,
0.2682

■ 12.4882, 0.2438,
0.2152

■ 134.2980, 0.2809,
0.2726

■ 7.0771, 0.2306,
0.1965

■ 168.3025, 0.2832,
0.2765

■ 3.5103, 0.2116,
0.1711

■ 207.6109, 0.2852,
0.2798

■ 1.4036, 0.1830,
0.1353

■ 252.6076, 0.2870,


■ 0.2194, 0.1363,


0.2828

0.0519


303.6771, 0.2885,
0.2854

 0.0000, 0.0000,
0.0000

 43.6318, 0.2666,
0.2496


 43.6318, 0.2666,
0.2496


 33.2507, 0.2465,
0.2155


 56.0202, 0.2850,
0.2812

 24.7663, 0.2255,
0.1801


 70.5082, 0.3015,
0.3095

 18.0655, 0.2046,
0.1454

 87.1887, 0.3159,
0.3346

 13.0209, 0.1854,
0.1140

 98.7789, 0.3244,
0.3483

 9.4882, 0.1696,
0.0886

■ 7.2985, 0.1582,
0.0711

■ 6.2288, 0.1519,
0.0620

■ 6.0687, 0.1511,
0.0606

Harmonies

Analogous

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



43.6318, 0.2337, 0.2519



43.6318, 0.2666, 0.2496



43.6318, 0.3144, 0.2650

Triad

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



43.6318, 0.2666, 0.2496



43.6318, 0.4138, 0.3723



43.6318, 0.2593, 0.3659

Complementary

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



43.6318, 0.2666, 0.2496



79.4860, 0.3523, 0.3986

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.



43.6318, 0.3047, 0.4073



43.6318, 0.2666, 0.2496



43.6318, 0.3950, 0.4057

Square

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



43.6318, 0.2666, 0.2496



43.6318, 0.4032, 0.3323



43.6318, 0.3545, 0.4211



43.6318, 0.2295, 0.3150

Rectangle

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



43.6318, 0.2666, 0.2496



43.6318, 0.3491, 0.2833



43.6318, 0.3545, 0.4211



43.6318, 0.2731, 0.3819

Sweetspot

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



43.6335, 0.2666, 0.2496



84.1618, 0.3009, 0.3085



72.7359, 0.2722, 0.3264



17.4176, 0.2986, 0.3045



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.



43.6335, 0.2666, 0.2496



45.3707, 0.2557, 0.2311



47.6830, 0.2911, 0.2549



14.5820, 0.2987, 0.3047



3.3920, 0.1514, 0.0608



0.2780, 0.1554, 0.0630

Inverse Universe

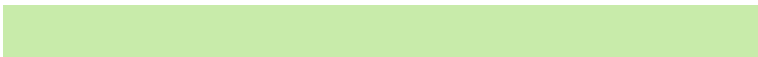
The Inverse Universe completely reimagines the original color for something new.



52.2429, 0.3183, 0.2631



57.3024, 0.3196, 0.2501



74.6528, 0.3295, 0.4040



15.3011, 0.3145, 0.3068



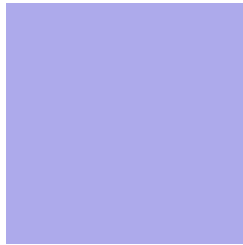
12.8363, 0.3327, 0.1607



1.0117, 0.3310, 0.1597

Previews

White Background



This preview shows how the Yxy color 43.6318, 0.2666, 0.2496 looks on a white background.

Color Contrast Check

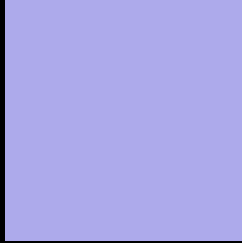
Large Text (above 18pt) WCAG AA × Fail

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 43.6318, 0.2666, 0.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

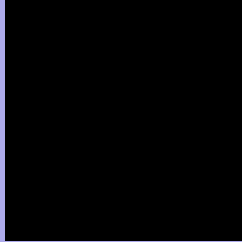
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6318, 0.2666, 0.2496

Background



This preview shows how black text looks on a background with the Yxy color 43.6318, 0.2666, 0.2496.



This preview shows how white text looks on a background with the Yxy color 43.6318, 0.2666, 0.2496.

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

43.6318, 0.2666, 0.2496

Protanopia

43.7143, 0.2547, 0.2493

Deuteranopia

43.8940, 0.2599, 0.2541



Tritanopia

43.6459, 0.2910, 0.3101

Trichromacy



Original Color

43.6318, 0.2666, 0.2496

Protanomaly

43.7881, 0.2586, 0.2498

Deuteranomaly

43.9346, 0.2626, 0.2534

Tritanomaly

43.5388, 0.2816, 0.2860

Monochromacy



Original Color

43.6318, 0.2666, 0.2496

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0136, 0.2946, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6318, 0.2666, 0.2496 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, 170, 235)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 235)  
}
```

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, 170, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 235) }
```

Border

The CSS property to change the border of an element to Yxy 43.6318, 0.2666, 0.2496 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, 170, 235) }
```

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

```
.border{ border-color:rgb(173, 170, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 235);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6318, 0.2666, 0.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 235) }
```

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

```
.background{ background-color: rgb(173,  
170, 235) }
```

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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