

Converting Colors

$Y_{xy}(43.2416, 0.2596, 0.2431)$

Have a look what the booklet for
Yxy(43.2416, 0.2596, 0.2431)
contains.

Yxy(43.3656, 0.2599, 0.2436)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3656, 0.2599, 0.2436)

Conversions

Conversions Part 1

Format	Color
Hex	A8AAF0
RGB	168, 170, 240
RGB Percent	66%, 67%, 94%
CMY	0.3408, 0.3334, 0.0587
CMYK	0.30, 0.29, 0.00, 0.06
HSL	238°, 71%, 80%
HSV	238°, 30%, 94%
XYZ	46.2673, 43.3656, 88.3868
YIQ	177.3820, -23.6620, 21.3460

Conversions

Conversions Part 2

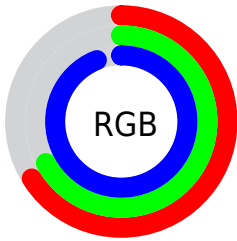
Format	Color
R _Y B	168, 170, 240
Decimal	11053808
CIE Lab	71.80, 14.86, -35.19
CIE LCh	72, 38.196, 292.901
Yxy	43.3656, 0.2599, 0.2436
Android (android.graphics.Color)	4289243888 (0xFFA8AAF0)
YUV	177.3820, 30.8707, -8.2280
Hunter-Lab	65.8526, 10.1702, -33.4818

Details

The Yxy color **43.3656, 0.2599, 0.2436** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **82.5875, 0.3585, 0.4021**, and the grayscale version is **44.0289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0780, 0.2940, 0.2981**, and **19.9950, 0.2449, 0.2219** is the 20% darker color. If you saturate the color by 10%, you get **32.9737, 0.2390, 0.2094**, and if you desaturate by 10%, it is **55.8047, 0.2794, 0.2753**.

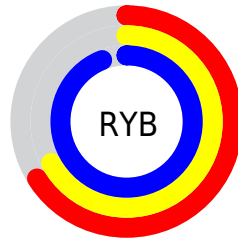
Distribution



Red (66%)

Green (67%)

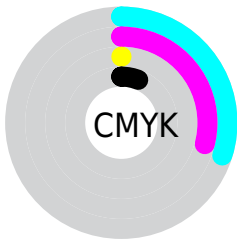
Blue (94%)



Red (66%)

Yellow (67%)

Blue (94%)

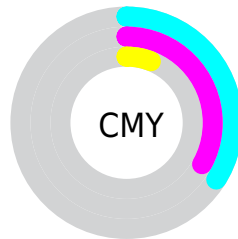


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3656, 0.2599, 0.2436 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 43.3656, 0.2599, 0.2436 by changing the saturation by 10% instead.

■ 43.3656, 0.2599,
0.2436

■ 43.3656, 0.2599,
0.2436

■ 360.1131, 0.2864,
0.2845

■ 30.1721, 0.2534,
0.2341

■ 80.2623, 0.2695,
0.2580

■ 19.9692, 0.2451,
0.2222

■ 104.7342, 0.2731,
0.2635

■ 12.3727, 0.2342,
0.2071

■ 133.7344, 0.2762,
0.2683

■ 6.9980, 0.2196,
0.1875

■ 167.6473, 0.2788,
0.2724

■ 3.4609, 0.1989,
0.1610

■ 206.8572, 0.2811,
0.2760

■ 1.3768, 0.1682,
0.1246


■ 251.7485, 0.2831,

■ 0.1995, 0.1190,

0.2791


0.0430

302.7057, 0.2849,
0.2820


 0.0000, 0.0000,
0.0000

 43.3656, 0.2599,
0.2436


 43.3656, 0.2599,
0.2436

 32.9737, 0.2390,
0.2094


 55.8047, 0.2794,
0.2753


 24.5148, 0.2175,
0.1742


 70.3872, 0.2971,
0.3039

 17.8709, 0.1968,
0.1401

 87.2093, 0.3128,
0.3291

 12.9094, 0.1785,
0.1096

 99.0726, 0.3214,
0.3434

 9.4794, 0.1642,
0.0854

■ 7.4032, 0.1549,
0.0692

■ 6.4313, 0.1504,
0.0612

■ 6.4293, 0.1503,
0.0612

Harmonies

Analogous

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



43.3656, 0.2264, 0.2473



43.3656, 0.2599, 0.2436



43.3656, 0.3103, 0.2588

Triad

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



43.3656, 0.2599, 0.2436



43.3656, 0.4219, 0.3718



43.3656, 0.2582, 0.3728

Complementary

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



43.3656, 0.2599, 0.2436



82.5875, 0.3585, 0.4021

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.



43.3656, 0.3076, 0.4162



43.3656, 0.2599, 0.2436



43.3656, 0.4034, 0.4090

Square

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



43.3656, 0.2599, 0.2436



43.3656, 0.4083, 0.3290



43.3656, 0.3609, 0.4282



43.3656, 0.2251, 0.3173

Rectangle

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



43.3656, 0.2599, 0.2436



43.3656, 0.3478, 0.2776



43.3656, 0.3609, 0.4282



43.3656, 0.2733, 0.3898

Sweetspot

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



43.3673, 0.2599, 0.2436



82.4653, 0.2987, 0.3064



76.8190, 0.2707, 0.3316



17.0869, 0.2963, 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.



43.3673, 0.2599, 0.2436



42.1580, 0.2471, 0.2228



46.8392, 0.2850, 0.2472



15.2951, 0.2979, 0.3052



3.5485, 0.1505, 0.0616



0.3185, 0.1517, 0.0660

Inverse Universe

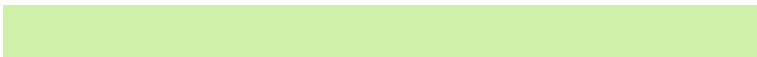
The Inverse Universe completely reimagines the original color for something new.



49.4683, 0.3783, 0.3271



50.2643, 0.3979, 0.3267



78.3507, 0.3341, 0.4102



15.7656, 0.3289, 0.3284



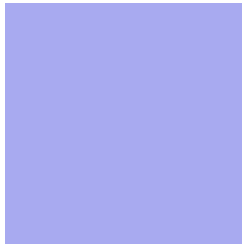
10.1516, 0.6373, 0.3284



0.8469, 0.6300, 0.3244

Previews

White Background



This preview shows how the Yxy color 43.3656, 0.2599, 0.2436 looks on a white background.

Color Contrast Check

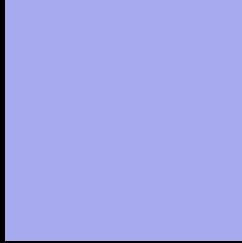
Large Text (above 18pt) WCAG AA × Fail

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 43.3656, 0.2599, 0.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

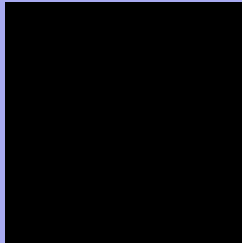
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3656, 0.2599, 0.2436

Background



This preview shows how black text looks on a background with the Yxy color 43.3656, 0.2599, 0.2436.



This preview shows how white text looks on a background with the Yxy color 43.3656, 0.2599, 0.2436.

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

43.3656, 0.2599, 0.2436

Protanopia

43.3268, 0.2497, 0.2424

Deuteranopia

43.2872, 0.2533, 0.2468



Tritanopia

43.3596, 0.2848, 0.3099

Trichromacy



Original Color

43.3656, 0.2599, 0.2436

Protanomaly

43.3894, 0.2534, 0.2429

Deuteranomaly

43.3141, 0.2559, 0.2461

Tritanomaly

43.3852, 0.2757, 0.2844

Monochromacy



Original Color

43.3656, 0.2599, 0.2436

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4409, 0.2922, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3656, 0.2599, 0.2436 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(168, 170, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 170, 240)  
}
```

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(168, 170, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 170, 240) }
```

Border

The CSS property to change the border of an element to Yxy 43.3656, 0.2599, 0.2436 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(168, 170, 240) }
```

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

```
.border{ border-color:rgb(168, 170, 240) }
```

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

Here you see how a box with a 4 pixel rgb(168, 170, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 170, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 170, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 170,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3656, 0.2599, 0.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 170, 240) }
```

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

```
.background{ background-color: rgb(168,  
170, 240) }
```

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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