

Converting Colors

$Y_{xy}(44.5177, 0.2604, 0.2442)$

Have a look what the booklet for
Yxy(44.5177, 0.2604, 0.2442)
contains.

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Color

Yxy(44.4619, 0.2603, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	AAACF2
RGB	170, 172, 242
RGB Percent	67%, 67%, 95%
CMY	0.3334, 0.3255, 0.0509
CMYK	0.30, 0.29, 0.00, 0.05
HSL	238°, 74%, 81%
HSV	238°, 30%, 95%
XYZ	47.3545, 44.4619, 90.1063
YIQ	179.3820, -23.6620, 21.3460

Conversions

Conversions Part 2

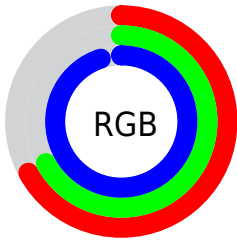
Format	Color
R _{YB}	170, 172, 242
Decimal	11185394
CIE Lab	72.54, 14.76, -35.12
CIE LCh	73, 38.097, 292.791
Yxy	44.4619, 0.2603, 0.2444
Android (android.graphics.Color)	4289375474 (0xFFAAACF2)
YUV	179.3820, 30.8707, -8.2280
Hunter-Lab	66.6798, 10.0771, -33.4445

Details

The Yxy color **44.4619, 0.2603, 0.2444** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **84.0926, 0.3583, 0.4016**, and the grayscale version is **45.1343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4891, 0.2954, 0.3003**, and **20.6911, 0.2457, 0.2232** is the 20% darker color. If you saturate the color by 10%, you get **33.8364, 0.2394, 0.2103**, and if you desaturate by 10%, it is **57.1713, 0.2798, 0.2760**.

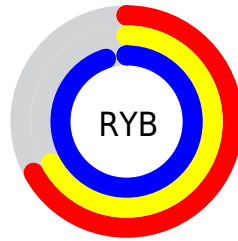
Distribution



Red (67%)

Green (67%)

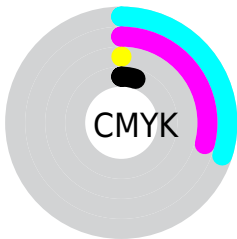
Blue (95%)



Red (67%)

Yellow (67%)

Blue (95%)

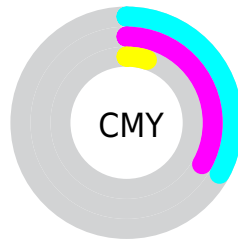


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4619, 0.2603, 0.2444 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 44.4619, 0.2603, 0.2444 by changing the saturation by 10% instead.

■ 44.4619, 0.2603,
0.2444

■ 44.4619, 0.2603,
0.2444

364.5898, 0.2865,
0.2847

■ 31.0338, 0.2539,
0.2350

■ 81.9123, 0.2698,
0.2586

■ 20.6246, 0.2457,
0.2234

106.7035, 0.2733,
0.2640

■ 12.8499, 0.2351,
0.2086

136.0511, 0.2764,
0.2687

■ 7.3252, 0.2208,
0.1893

170.3395, 0.2790,
0.2728

■ 3.6663, 0.2006,
0.1635

209.9532, 0.2812,
0.2763

■ 1.4887, 0.1708,
0.1279

255.2766, 0.2832,


■ 0.2808, 0.1250,

0.2795

0.0560


306.6940, 0.2850,
0.2823

 0.0000, 0.0000,
0.0000

 44.4619, 0.2603,
0.2444


 44.4619, 0.2603,
0.2444


 33.8364, 0.2394,
0.2103

 57.1713, 0.2798,
0.2760


 25.1788, 0.2179,
0.1752


 72.0620, 0.2974,
0.3045

 18.3698, 0.1972,
0.1410

 89.2314, 0.3131,
0.3295

 13.2750, 0.1789,
0.1104

 99.1921, 0.3203,
0.3415

 9.7418, 0.1645,
0.0860

■ 7.5906, 0.1550,
0.0696

■ 6.5760, 0.1504,
0.0614

■ 6.5606, 0.1504,
0.0613

Harmonies

Analogous

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



44.4619, 0.2271, 0.2482



44.4619, 0.2603, 0.2444



44.4619, 0.3101, 0.2594

Triad

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



44.4619, 0.2603, 0.2444



44.4619, 0.4208, 0.3713



44.4619, 0.2589, 0.3725

Complementary

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



44.4619, 0.2603, 0.2444



84.0926, 0.3583, 0.4016

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.



44.4619, 0.3079, 0.4153



44.4619, 0.2603, 0.2444



44.4619, 0.4026, 0.4081

Square

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



44.4619, 0.2603, 0.2444



44.4619, 0.4071, 0.3289



44.4619, 0.3607, 0.4271



44.4619, 0.2260, 0.3177

Rectangle

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



44.4619, 0.2603, 0.2444



44.4619, 0.3472, 0.2780



44.4619, 0.3607, 0.4271



44.4619, 0.2739, 0.3893

Sweetspot

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



44.4636, 0.2603, 0.2444



82.4917, 0.2987, 0.3065



78.3283, 0.2709, 0.3316



17.0934, 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.



44.4636, 0.2603, 0.2444



42.2260, 0.2472, 0.2230



47.9312, 0.2852, 0.2477



15.3003, 0.2979, 0.3053



3.5567, 0.1505, 0.0618



0.3209, 0.1518, 0.0664

Inverse Universe

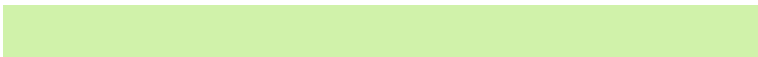
The Inverse Universe completely reimagines the original color for something new.



50.5988, 0.3776, 0.3269



50.2712, 0.3977, 0.3265



79.8856, 0.3340, 0.4096



15.7661, 0.3289, 0.3284



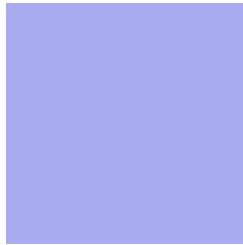
10.1524, 0.6371, 0.3283



0.8471, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 44.4619, 0.2603, 0.2444 looks on a white background.

Color Contrast Check

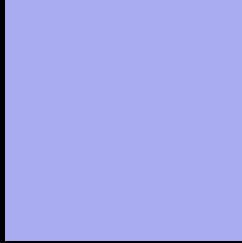
Large Text (above 18pt) WCAG AA × Fail

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 44.4619, 0.2603, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

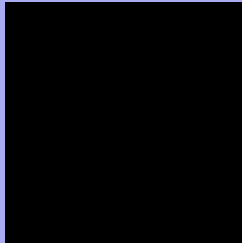
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4619, 0.2603, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 44.4619, 0.2603, 0.2444.



This preview shows how white text looks on a background with the Yxy color 44.4619, 0.2603, 0.2444.

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

44.4619, 0.2603, 0.2444

Protanopia

44.4206, 0.2502, 0.2432

Deuteranopia

44.3817, 0.2538, 0.2476



Tritanopia

44.4615, 0.2850, 0.3101

Trichromacy



Original Color

44.4619, 0.2603, 0.2444

Protanomaly

44.4851, 0.2539, 0.2436

Deuteranomaly

44.4095, 0.2564, 0.2469

Tritanomaly

44.4868, 0.2760, 0.2848

Monochromacy



Original Color

44.4619, 0.2603, 0.2444

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5450, 0.2924, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4619, 0.2603, 0.2444 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(170, 172, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 172, 242)  
}
```

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(170, 172, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 172, 242) }
```

Border

The CSS property to change the border of an element to Yxy 44.4619, 0.2603, 0.2444 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(170, 172, 242) }
```

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

```
.border{ border-color:rgb(170, 172, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 172, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 172, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 172, 242); box-shadow:4px 4px 4px 4px rgb(170, 172, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4619, 0.2603, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 172, 242) }
```

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

```
.background{ background-color: rgb(170,  
172, 242) }
```

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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