

Converting Colors

$Yxy(44.0617, 0.2625, 0.2448)$

Have a look what the booklet for
Yxy(44.0617, 0.2625, 0.2448)
contains.

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Color

Yxy(44.1877, 0.2629, 0.2455)

Conversions

Conversions Part 1

Format	Color
Hex	ACABF0
RGB	172, 171, 240
RGB Percent	67%, 67%, 94%
CMY	0.3251, 0.3295, 0.0588
CMYK	0.28, 0.29, 0.00, 0.06
HSL	241°, 70%, 81%
HSV	241°, 29%, 94%
XYZ	47.3195, 44.1877, 88.4834
YIQ	179.1650, -21.5530, 21.6710

Conversions

Conversions Part 2

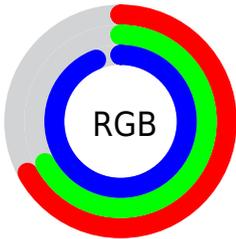
Format	Color
R _Y B	172, 171, 240
Decimal	11316208
CIE Lab	72.35, 15.45, -34.30
CIE LCh	72, 37.620, 294.242
Yxy	44.1877, 0.2629, 0.2455
Android (android.graphics.Color)	4289506288 (0xFFACABF0)
YUV	179.1650, 29.9917, -6.2837
Hunter-Lab	66.4738, 10.7364, -32.3893

Details

The Yxy color $44.1877, 0.2629, 0.2455$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83.6018, 0.3554, 0.4011$, and the grayscale version is $45.0246, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2707, 0.2966, 0.2994$, and $20.5059, 0.2488, 0.2245$ is the 20% darker color. If you saturate the color by 10%, you get $33.4917, 0.2421, 0.2109$, and if you desaturate by 10%, it is $57.0082, 0.2821, 0.2776$.

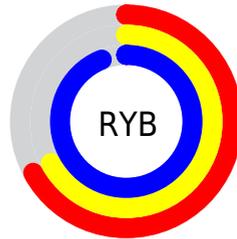
Distribution



Red (67%)

Green (67%)

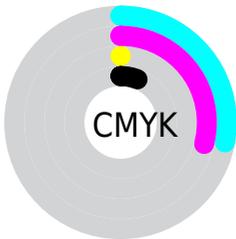
Blue (94%)



Red (67%)

Yellow (67%)

Blue (94%)

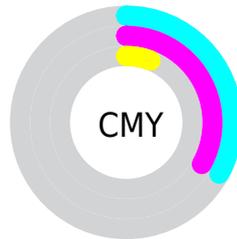


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1877, 0.2629, 0.2455 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 44.1877, 0.2629, 0.2455 by changing the saturation by 10% instead.

■ 44.1877, 0.2629,
0.2455

■ 44.1877, 0.2629,
0.2455

363.4737, 0.2879,
0.2854

■ 30.8181, 0.2567,
0.2362

■ 81.5001, 0.2719,
0.2595

■ 20.4604, 0.2489,
0.2247

106.2117, 0.2754,
0.2649

■ 12.7301, 0.2387,
0.2100

135.4728, 0.2783,
0.2695

■ 7.2430, 0.2248,
0.1909

169.6677, 0.2807,
0.2736

■ 3.6145, 0.2052,
0.1651

209.1808, 0.2829,
0.2771

■ 1.4604, 0.1759,
0.1295

254.3966, 0.2848,

■ 0.2606, 0.1305,

0.2802

0.0544

305.6994, 0.2864,
0.2829

0.0000, 0.0000,
0.0000

44.1877, 0.2629,
0.2455

44.1877, 0.2629,
0.2455

33.4917, 0.2421,
0.2109

57.0082, 0.2821,
0.2776

24.8006, 0.2206,
0.1751

72.0536, 0.2993,
0.3065

17.9911, 0.1996,
0.1404

89.4243, 0.3145,
0.3320

12.9242, 0.1808,
0.1094

99.0721, 0.3214,
0.3434

9.4416, 0.1658,
0.0849

■ 7.3565, 0.1558,
0.0687

■ 6.4003, 0.1508,
0.0609

■ 6.3170, 0.1504,
0.0602

Harmonies

Analogous

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



44.1877, 0.2291, 0.2483



44.1877, 0.2629, 0.2455



44.1877, 0.3128, 0.2611

Triad

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



44.1877, 0.2629, 0.2455



44.1877, 0.4195, 0.3729



44.1877, 0.2575, 0.3694

Complementary

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



44.1877, 0.2629, 0.2455



83.6018, 0.3554, 0.4011

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.



44.1877, 0.3054, 0.4129



44.1877, 0.2629, 0.2455



44.1877, 0.4002, 0.4088

Square

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



44.1877, 0.2629, 0.2455



44.1877, 0.4075, 0.3310



44.1877, 0.3578, 0.4263



44.1877, 0.2258, 0.3154

Rectangle

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



44.1877, 0.2629, 0.2455



44.1877, 0.3495, 0.2800



44.1877, 0.3578, 0.4263



44.1877, 0.2721, 0.3863

Sweetspot

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



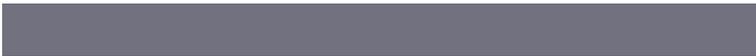
44.1894, 0.2629, 0.2455



82.1874, 0.2989, 0.3058



77.2759, 0.2710, 0.3289



17.0193, 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.



44.1894, 0.2629, 0.2455



42.6374, 0.2498, 0.2237



48.4586, 0.2882, 0.2512



15.2409, 0.2982, 0.3046



3.4630, 0.1505, 0.0603



0.2923, 0.1518, 0.0610

Inverse Universe

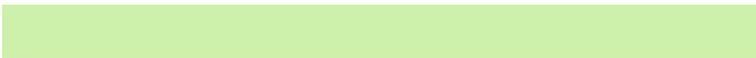
The Inverse Universe completely reimagines the original color for something new.



53.8709, 0.3169, 0.2585



55.5695, 0.3179, 0.2432



78.3175, 0.3317, 0.4070



16.0268, 0.3141, 0.3061



13.4627, 0.3250, 0.1564



1.1214, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 44.1877, 0.2629, 0.2455 looks on a white background.

Color Contrast Check

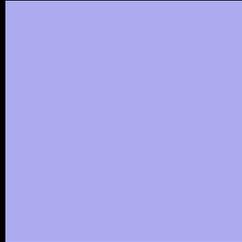
Large Text (above 18pt) WCAG AA × Fail

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 44.1877, 0.2629, 0.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

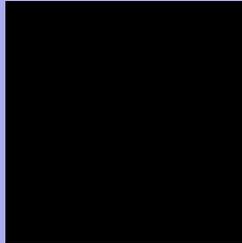
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1877, 0.2629, 0.2455

Background



This preview shows how black text looks on a background with the Yxy color 44.1877, 0.2629, 0.2455.



This preview shows how white text looks on a background with the Yxy color 44.1877, 0.2629, 0.2455.

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

44.1877, 0.2629, 0.2455

Protanopia

44.2991, 0.2514, 0.2452

Deuteranopia

44.3655, 0.2557, 0.2498



Tritanopia

44.3241, 0.2880, 0.3101

Trichromacy



Original Color

44.1877, 0.2629, 0.2455

Protanomaly

44.3643, 0.2551, 0.2457

Deuteranomaly

44.3966, 0.2582, 0.2491

Tritanomaly

44.2544, 0.2781, 0.2849

Monochromacy



Original Color

44.1877, 0.2629, 0.2455

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4978, 0.2931, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1877, 0.2629, 0.2455 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(172, 171, 240)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 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(172, 171, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 240) }
```

Border

The CSS property to change the border of an element to Yxy 44.1877, 0.2629, 0.2455 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(172, 171, 240) }
```

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

```
.border{ border-color:rgb(172, 171, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 240);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
240) }
```

Background

The CSS property to change the background color of an element to Yxy 44.1877, 0.2629, 0.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 240) }
```

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

```
.background{ background-color: rgb(172,  
171, 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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