

Converting Colors

$Yxy(44.5945, 0.2786, 0.2405)$

Have a look what the booklet for
Yxy(44.5945, 0.2786, 0.2405)
contains.

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Color

Yxy(44.5039, 0.2789, 0.2402)

Conversions

Conversions Part 1

Format	Color
Hex	C3A4F1
RGB	195, 164, 241
RGB Percent	76%, 64%, 95%
CMY	0.2350, 0.3570, 0.0548
CMYK	0.19, 0.32, 0.00, 0.05
HSL	264°, 73%, 79%
HSV	264°, 32%, 95%
XYZ	51.6742, 44.5039, 89.1004
YIQ	182.0470, -6.2410, 30.5190

Conversions

Conversions Part 2

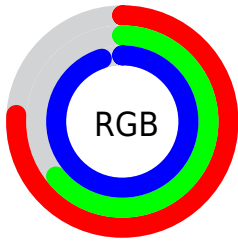
Format	Color
R _Y B	195, 164, 241
Decimal	12821745
CIE Lab	72.56, 26.34, -34.37
CIE LCh	73, 43.306, 307.464
Yxy	44.5039, 0.2789, 0.2402
Android (android.graphics.Color)	4291011825 (0xFFC3A4F1)
YUV	182.0470, 29.0638, 11.3598
Hunter-Lab	66.7112, 21.5205, -32.4907

Details

The Yxy color $44.5039, 0.2789, 0.2402$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $79.2917, 0.3388, 0.4151$, and the grayscale version is $46.6520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5785, 0.3123, 0.2938$, and $20.6666, 0.2682, 0.2185$ is the 20% darker color. If you saturate the color by 10%, you get $34.8585, 0.2653, 0.2091$, and if you desaturate by 10%, it is $55.9717, 0.2911, 0.2702$.

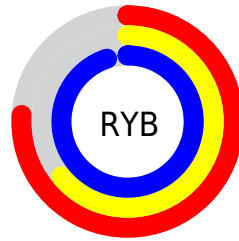
Distribution



Red (76%)

Green (64%)

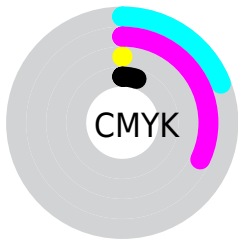
Blue (95%)



Red (76%)

Yellow (64%)

Blue (95%)

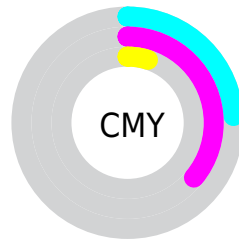


Cyan (19%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (36%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5039, 0.2789, 0.2402 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 44.5039, 0.2789, 0.2402 by changing the saturation by 10% instead.


 44.5039, 0.2789,
0.2402


 44.5039, 0.2789,
0.2402


364.7606, 0.2964,
0.2819

 31.0668, 0.2745,
0.2306


 81.9755, 0.2853,
0.2547

 20.6498, 0.2687,
0.2188

 106.7788, 0.2877,
0.2604

 12.8682, 0.2611,
0.2040


136.1396, 0.2898,
0.2652

 7.3379, 0.2506,
0.1848

170.4423, 0.2915,
0.2694

 3.6743, 0.2354,
0.1593

210.0714, 0.2930,
0.2731

 1.4931, 0.2117,
0.1245

255.4112, 0.2943,

 0.2839, 0.1766,

0.2764

0.0548

306.8462, 0.2954,
0.2793

0.0000, 0.0000,
0.0000

44.5039, 0.2789,
0.2402

44.5039, 0.2789,
0.2402

34.8585, 0.2653,
0.2091

55.9717, 0.2911,
0.2702

26.9323, 0.2505,
0.1781

69.3468, 0.3018,
0.2984

20.6199, 0.2351,
0.1486

84.7152, 0.3111,
0.3242

15.8016, 0.2198,
0.1226

98.6735, 0.3193,
0.3425

12.3400, 0.2053,
0.1015

99.1321, 0.3208,
0.3424

■ 10.0708, 0.1924,
0.0865

■ 8.9092, 0.1834,
0.0784

Harmonies

Analogous

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



44.5039, 0.2319, 0.2335



44.5039, 0.2789, 0.2402



44.5039, 0.3404, 0.2656

Triad

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



44.5039, 0.2789, 0.2402



44.5039, 0.4289, 0.3972



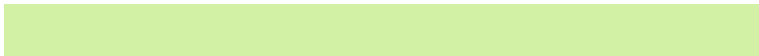
44.5039, 0.2309, 0.3474

Complementary

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



44.5039, 0.2789, 0.2402



79.2917, 0.3388, 0.4151

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.



44.5039, 0.2780, 0.4077



44.5039, 0.2789, 0.2402



44.5039, 0.3929, 0.4323

Square

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



44.5039, 0.2789, 0.2402



44.5039, 0.4322, 0.3511



44.5039, 0.3373, 0.4398



44.5039, 0.2063, 0.2881

Rectangle

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



44.5039, 0.2789, 0.2402



44.5039, 0.3811, 0.2905



44.5039, 0.3373, 0.4398



44.5039, 0.2444, 0.3689

Sweetspot

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



44.5057, 0.2789, 0.2402



82.0248, 0.3037, 0.3036



60.4347, 0.2625, 0.2923



17.0558, 0.3024, 0.2998



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.



44.5057, 0.2789, 0.2402



43.6070, 0.2707, 0.2211



50.2706, 0.3100, 0.2479



15.5401, 0.3043, 0.3050



4.9041, 0.1851, 0.0793



0.4645, 0.1998, 0.0874

Inverse Universe

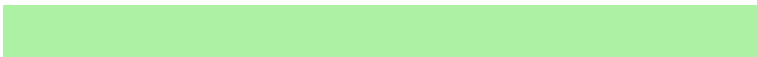
The Inverse Universe completely reimagines the original color for something new.



49.8952, 0.3429, 0.2797



50.6999, 0.3508, 0.2700



74.3361, 0.3131, 0.4224



15.9171, 0.3200, 0.3150



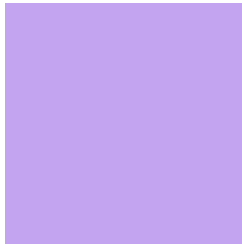
11.2557, 0.4555, 0.2283



0.9560, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 44.5039, 0.2789, 0.2402 looks on a white background.

Color Contrast Check

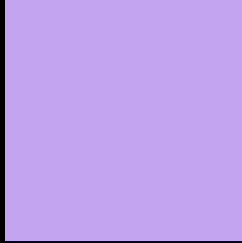
Large Text (above 18pt) WCAG AA × Fail

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 44.5039, 0.2789, 0.2402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

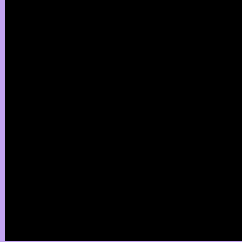
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5039, 0.2789, 0.2402

Background



This preview shows how black text looks on a background with the Yxy color 44.5039, 0.2789, 0.2402.



This preview shows how white text looks on a background with the Yxy color 44.5039, 0.2789, 0.2402.

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

44.5039, 0.2789, 0.2402

Protanopia

44.9214, 0.2464, 0.2391

Deuteranopia

44.5733, 0.2570, 0.2501



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.5039, 0.2789, 0.2402

Protanomaly

44.7665, 0.2573, 0.2394

Deuteranomaly

44.4158, 0.2643, 0.2459

Tritanomaly

44.0733, 0.2993, 0.2829

Monochromacy



Original Color

44.5039, 0.2789, 0.2402

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5365, 0.3007, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5039, 0.2789, 0.2402 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(195, 164, 241)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 241)  
}
```

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(195, 164, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 241) }
```

Border

The CSS property to change the border of an element to Yxy 44.5039, 0.2789, 0.2402 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(195, 164, 241) }
```

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

```
.border{ border-color:rgb(195, 164, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 164, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 164, 241);  
box-shadow:4px 4px 4px 4px rgb(195, 164,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5039, 0.2789, 0.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 241) }
```

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

```
.background{ background-color: rgb(195,  
164, 241) }
```

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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