

Converting Colors

$Y_{xy}(47.2190, 0.2669, 0.2296)$

Have a look what the booklet for
Yxy(47.2190, 0.2669, 0.2296)
contains.

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Color

Yxy(47.0653, 0.2692, 0.2326)

Conversions

Conversions Part 1

Format	Color
Hex	C2A9FF
RGB	194, 169, 255
RGB Percent	76%, 66%, 100%
CMY	0.2395, 0.3371, 0.0001
CMYK	0.24, 0.34, 0.00, 0.00
HSL	257°, 100%, 83%
HSV	257°, 34%, 100%
XYZ	54.4711, 47.0653, 100.8080
YIQ	186.2790, -12.7060, 32.0460

Conversions

Conversions Part 2

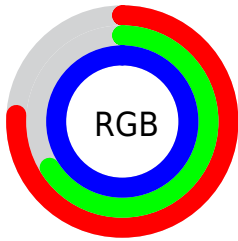
Format	Color
RYB	194, 169, 255
Decimal	12757503
CIELab	74.23, 26.39, -39.36
CIELCh	74, 47.384, 303.841
Yxy	47.0653, 0.2692, 0.2326
Android (android.graphics.Color)	4290947583 (0xFFC2A9FF)
YUV	186.2790, 33.8795, 6.7713
Hunter-Lab	68.6042, 21.6702, -39.0987

Details

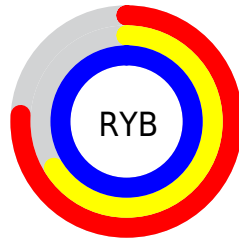
The Yxy color **47.0653, 0.2692, 0.2326** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **91.2127, 0.3467, 0.4185**, and the grayscale version is **49.0768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2268, 0.3121, 0.2987**, and **22.2888, 0.2571, 0.2107** is the 20% darker color. If you saturate the color by 10%, you get **36.2338, 0.2528, 0.1999**, and if you desaturate by 10%, it is **60.0425, 0.2841, 0.2640**.

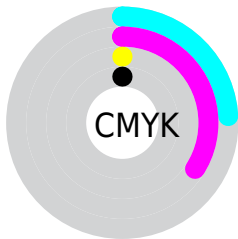
Distribution



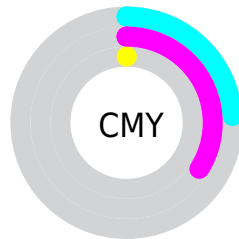
- Red (76%)
- Green (66%)
- Blue (100%)



- Red (76%)
- Yellow (66%)
- Blue (100%)



- Cyan (24%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0653, 0.2692, 0.2326 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 47.0653, 0.2692, 0.2326 by changing the saturation by 10% instead.


 47.0653, 0.2692,
0.2326


 47.0653, 0.2692,
0.2326


375.0751, 0.2912,
0.2772

 33.0873, 0.2638,
0.2226


 85.8111, 0.2772,
0.2480

 22.1933, 0.2569,
0.2103


 111.3476, 0.2802,
0.2540

 13.9990, 0.2479,
0.1951


141.5058, 0.2827,
0.2592

 8.1200, 0.2358,
0.1757

176.6701, 0.2849,
0.2637

 4.1718, 0.2187,
0.1505

217.2247, 0.2868,
0.2677

 1.7701, 0.1935,
0.1171

263.5542, 0.2885,

 0.4685, 0.1558,

0.2712

0.0655

316.0428, 0.2899,
0.2744

■ 0.0000, 0.0145,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.0653, 0.2692,
0.2326

■ 47.0653, 0.2692,
0.2326

■ 36.2338, 0.2528,
0.1999

■ 60.0425, 0.2841,
0.2640

■ 27.4240, 0.2354,
0.1674

■ 75.2689, 0.2974,
0.2932

■ 20.5074, 0.2178,
0.1367

■ 92.8481, 0.3089,
0.3198

■ 15.3383, 0.2009,
0.1100

■ 99.9990, 0.3127,
0.3290

■ 11.7486, 0.1858,
0.0891

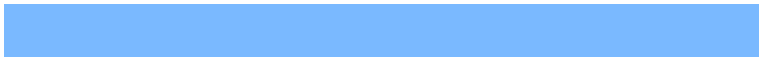
■ 9.5348, 0.1735,
0.0752

■ 8.6701, 0.1673,
0.0695

Harmonies

Analogous

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



47.0653, 0.2220, 0.2279



47.0653, 0.2692, 0.2326



47.0653, 0.3339, 0.2573

Triad

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



47.0653, 0.2692, 0.2326



47.0653, 0.4396, 0.3953



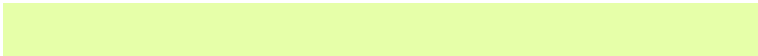
47.0653, 0.2300, 0.3570

Complementary

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



47.0653, 0.2692, 0.2326



91.2127, 0.3467, 0.4185

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.



47.0653, 0.2824, 0.4205



47.0653, 0.2692, 0.2326



47.0653, 0.4042, 0.4358

Square

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



47.0653, 0.2692, 0.2326



47.0653, 0.4388, 0.3457



47.0653, 0.3462, 0.4497



47.0653, 0.2011, 0.2913

Rectangle

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



47.0653, 0.2692, 0.2326



47.0653, 0.3785, 0.2826



47.0653, 0.3462, 0.4497



47.0653, 0.2453, 0.3801

Sweetspot

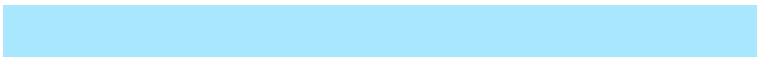
The Sweet Spot groups the original color and five complimentary colors.



47.0672, 0.2692, 0.2326



81.5210, 0.3018, 0.3034



72.6032, 0.2612, 0.3015



16.9344, 0.3002, 0.2996



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.



47.0672, 0.2692, 0.2326



40.0150, 0.2590, 0.2121



53.5013, 0.3018, 0.2412



17.6326, 0.3024, 0.3047



4.5965, 0.1687, 0.0703



0.5005, 0.1803, 0.0767

Inverse Universe

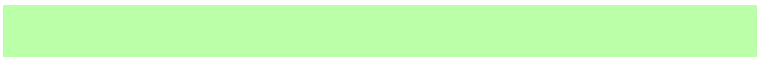
The Inverse Universe completely reimagines the original color for something new.



55.3623, 0.3368, 0.2674



49.5031, 0.3427, 0.2560



85.0238, 0.3191, 0.4268



18.2054, 0.3183, 0.3123



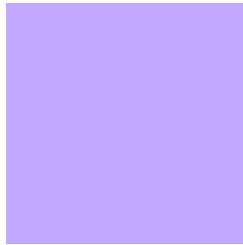
12.8818, 0.4110, 0.2038



1.2732, 0.3982, 0.1968

Previews

White Background



This preview shows how the Yxy color 47.0653, 0.2692, 0.2326 looks on a white background.

Color Contrast Check

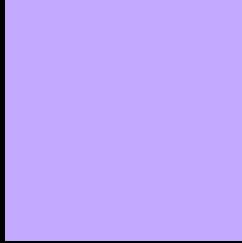
Large Text (above 18pt) WCAG AA × Fail

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 47.0653, 0.2692, 0.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

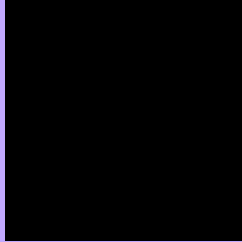
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0653, 0.2692, 0.2326

Background



This preview shows how black text looks on a background with the Yxy color 47.0653, 0.2692, 0.2326.



This preview shows how white text looks on a background with the Yxy color 47.0653, 0.2692, 0.2326.

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

47.0653, 0.2692, 0.2326

Protanopia

47.2334, 0.2470, 0.2397

Deuteranopia

47.2079, 0.2487, 0.2418



Tritanopia

47.0552, 0.3035, 0.3111

Trichromacy



Original Color

47.0653, 0.2692, 0.2326

Protanomaly

47.0413, 0.2547, 0.2368

Deuteranomaly

46.9771, 0.2552, 0.2378

Tritanomaly

47.0188, 0.2903, 0.2800

Monochromacy



Original Color

47.0653, 0.2692, 0.2326

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1645, 0.2963, 0.2909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0653, 0.2692, 0.2326 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(194, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 255)  
}
```

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(194, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 255) }
```

Border

The CSS property to change the border of an element to Yxy 47.0653, 0.2692, 0.2326 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(194, 169, 255) }
```

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

```
.border{ border-color:rgb(194, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0653, 0.2692, 0.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 255) }
```

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

```
.background{ background-color: rgb(194,  
169, 255) }
```

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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