

Converting Colors

$Yxy(44.7071, 0.2571, 0.2286)$

Have a look what the booklet for
Yxy(44.7071, 0.2571, 0.2286)
contains.

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Color

Yxy(44.5724, 0.2569, 0.2282)

Conversions

Conversions Part 1

Format	Color
Hex	B1A8FF
RGB	177, 168, 255
RGB Percent	69%, 66%, 100%
CMY	0.3060, 0.3411, 0.0000
CMYK	0.31, 0.34, 0.00, 0.00
HSL	246°, 100%, 83%
HSV	246°, 34%, 100%
XYZ	50.1781, 44.5724, 100.5711
YIQ	180.6090, -22.5630, 28.9650

Conversions

Conversions Part 2

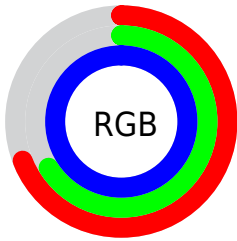
Format	Color
RYB	177, 168, 255
Decimal	11643135
CIELab	72.61, 22.17, -42.00
CIElCh	73, 47.492, 297.826
Yxy	44.5724, 0.2569, 0.2282
Android (android.graphics.Color)	4289833215 (0xFFB1A8FF)
YUV	180.6090, 36.6748, -3.1651
Hunter-Lab	66.7626, 17.3245, -42.5807

Details

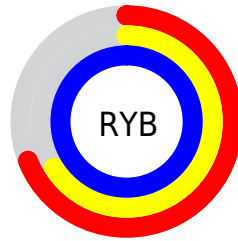
The Yxy color **44.5724, 0.2569, 0.2282** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.9498, 0.3582, 0.4162**, and the grayscale version is **45.7926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4878, 0.2999, 0.2966**, and **20.7056, 0.2415, 0.2044** is the 20% darker color. If you saturate the color by 10%, you get **33.5982, 0.2369, 0.1935**, and if you desaturate by 10%, it is **57.8455, 0.2756, 0.2613**.

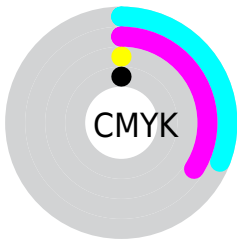
Distribution



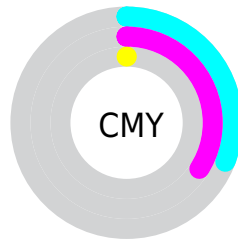
- Red (69%)
- Green (66%)
- Blue (100%)



- Red (69%)
- Yellow (66%)
- Blue (100%)



- Cyan (31%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5724, 0.2569, 0.2282 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 44.5724, 0.2569, 0.2282 by changing the saturation by 10% instead.

44.5724, 0.2569,
0.2282

44.5724, 0.2569,
0.2282

365.0390, 0.2849,
0.2753

31.1208, 0.2501,
0.2175

82.0784, 0.2670,
0.2445

20.6908, 0.2415,
0.2045

106.9015, 0.2708,
0.2508

12.8982, 0.2303,
0.1882

136.2839, 0.2740,
0.2563

7.3585, 0.2153,
0.1675

170.6100, 0.2768,
0.2611

3.6873, 0.1946,
0.1407

210.2642, 0.2792,
0.2653

1.5002, 0.1648,
0.1056

255.6308, 0.2814,


0.2889, 0.1229,

0.2690


0.0435

307.0943, 0.2832,
0.2723


 0.0000, 0.0000,
0.0000

 44.5724, 0.2569,
0.2282


 44.5724, 0.2569,
0.2282


 33.5982, 0.2369,
0.1935


 57.8455, 0.2756,
0.2613


 24.7882, 0.2164,
0.1587


 73.5340, 0.2924,
0.2916

 17.9997, 0.1967,
0.1262

 91.7512, 0.3072,
0.3188

 13.0710, 0.1792,
0.0985

 100.0000, 0.3127,
0.3290

 9.8156, 0.1654,
0.0779

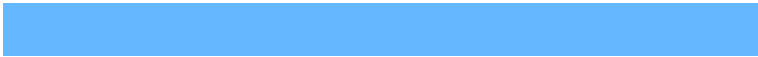
■ 8.0073, 0.1561,
0.0655

■ 7.4427, 0.1528,
0.0615

Harmonies

Analogous

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



44.5724, 0.2135, 0.2279



44.5724, 0.2569, 0.2282



44.5724, 0.3202, 0.2495

Triad

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



44.5724, 0.2569, 0.2282



44.5724, 0.4452, 0.3864



44.5724, 0.2374, 0.3719

Complementary

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



44.5724, 0.2569, 0.2282



93.9498, 0.3582, 0.4162

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.



44.5724, 0.2943, 0.4322



44.5724, 0.2569, 0.2282



44.5724, 0.4154, 0.4309

Square

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



44.5724, 0.2569, 0.2282



44.5724, 0.4362, 0.3356



44.5724, 0.3595, 0.4526



44.5724, 0.2028, 0.3026

Rectangle

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



44.5724, 0.2569, 0.2282



44.5724, 0.3665, 0.2734



44.5724, 0.3595, 0.4526



44.5724, 0.2544, 0.3948

Sweetspot

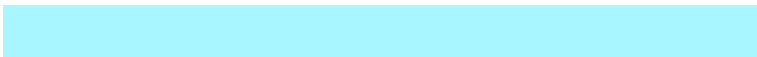
The Sweet Spot groups the original color and five complimentary colors.



44.5737, 0.2569, 0.2282



80.7122, 0.2987, 0.3032



81.6416, 0.2630, 0.3193



16.7402, 0.2966, 0.2993



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.



44.5737, 0.2569, 0.2282



36.7751, 0.2432, 0.2044



50.4786, 0.2891, 0.2368



17.4671, 0.2995, 0.3045



3.9179, 0.1534, 0.0619



0.4096, 0.1601, 0.0655

Inverse Universe

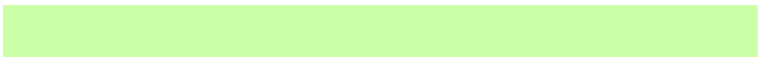
The Inverse Universe completely reimagines the original color for something new.



55.9278, 0.3237, 0.2519



49.7631, 0.3264, 0.2368



87.0174, 0.3293, 0.4251



18.2663, 0.3154, 0.3079



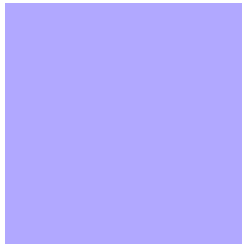
14.0710, 0.3487, 0.1695



1.3789, 0.3451, 0.1675

Previews

White Background



This preview shows how the Yxy color 44.5724, 0.2569, 0.2282 looks on a white background.

Color Contrast Check

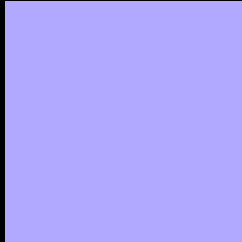
Large Text (above 18pt) WCAG AA × Fail

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 44.5724, 0.2569, 0.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

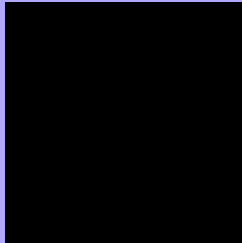
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5724, 0.2569, 0.2282

Background



This preview shows how black text looks on a background with the Yxy color 44.5724, 0.2569, 0.2282.



This preview shows how white text looks on a background with the Yxy color 44.5724, 0.2569, 0.2282.

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

44.5724, 0.2569, 0.2282

Protanopia

44.5553, 0.2417, 0.2325

Deuteranopia

44.6265, 0.2418, 0.2354



Tritanopia

44.4301, 0.2888, 0.3102

Trichromacy



Original Color

44.5724, 0.2569, 0.2282

Protanomaly

44.3021, 0.2468, 0.2302

Deuteranomaly

44.5165, 0.2469, 0.2322

Tritanomaly

44.4436, 0.2769, 0.2779

Monochromacy



Original Color

44.5724, 0.2569, 0.2282

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3080, 0.2912, 0.2885

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5724, 0.2569, 0.2282 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(177, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 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(177, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.5724, 0.2569, 0.2282 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(177, 168, 255) }
```

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

```
.border{ border-color:rgb(177, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5724, 0.2569, 0.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 255) }
```

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

```
.background{ background-color: rgb(177,  
168, 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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