

Converting Colors

$Yxy(44.5526, 0.2613, 0.2269)$

Have a look what the booklet for
Yxy(44.5526, 0.2613, 0.2269)
contains.

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Color

Yxy(44.6828, 0.2616, 0.2272)

Conversions

Conversions Part 1

Format	Color
Hex	B8A6FF
RGB	184, 166, 255
RGB Percent	72%, 65%, 100%
CMY	0.2786, 0.3490, 0.0000
CMYK	0.28, 0.35, 0.00, 0.00
HSL	252°, 100%, 83%
HSV	252°, 35%, 100%
XYZ	51.4482, 44.6828, 100.5363
YIQ	181.5280, -17.8410, 31.4950

Conversions

Conversions Part 2

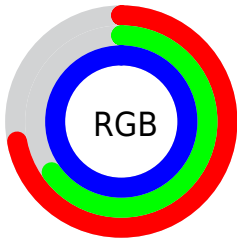
Format	Color
RYB	184, 166, 255
Decimal	12101375
CIELab	72.68, 25.23, -41.85
CIELCh	73, 48.871, 301.088
Yxy	44.6828, 0.2616, 0.2272
Android (android.graphics.Color)	4290291455 (0xFFB8A6FF)
YUV	181.5280, 36.2217, 2.1679
Hunter-Lab	66.8452, 20.4054, -42.3815

Details

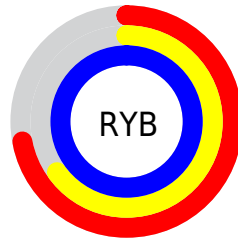
The Yxy color **44.6828, 0.2616, 0.2272** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **92.2876, 0.3532, 0.4201**, and the grayscale version is **46.3141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6337, 0.3047, 0.2950**, and **20.7790, 0.2473, 0.2034** is the 20% darker color. If you saturate the color by 10%, you get **33.9773, 0.2433, 0.1935**, and if you desaturate by 10%, it is **57.5889, 0.2785, 0.2596**.

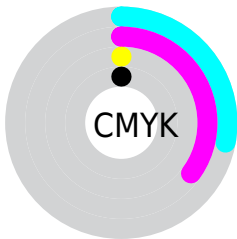
Distribution



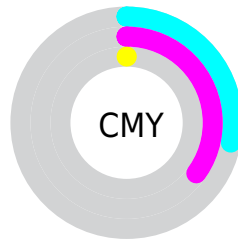
- Red (72%)
- Green (65%)
- Blue (100%)



- Red (72%)
- Yellow (65%)
- Blue (100%)



- Cyan (28%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6828, 0.2616, 0.2272 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 44.6828, 0.2616, 0.2272 by changing the saturation by 10% instead.

44.6828, 0.2616,
0.2272

44.6828, 0.2616,
0.2272

365.4874, 0.2874,
0.2745

31.2077, 0.2553,
0.2165

82.2442, 0.2709,
0.2435

20.7570, 0.2472,
0.2035

107.0993, 0.2745,
0.2499

12.9465, 0.2367,
0.1873

136.5164, 0.2775,
0.2554

7.3917, 0.2227,
0.1666

170.8801, 0.2800,
0.2602

3.7083, 0.2030,
0.1400

210.5746, 0.2822,
0.2645

1.5117, 0.1744,
0.1051

255.9844, 0.2842,

0.2970, 0.1337,

0.2682

0.0442

307.4938, 0.2859,
0.2715

0.0000, 0.0000,
0.0000

44.6828, 0.2616,
0.2272

44.6828, 0.2616,
0.2272

33.9773, 0.2433,
0.1935

57.5889, 0.2785,
0.2596

25.3464, 0.2243,
0.1599

72.8088, 0.2936,
0.2896

18.6535, 0.2055,
0.1285

90.4495, 0.3069,
0.3168

13.7444, 0.1882,
0.1017

100.0000, 0.3127,
0.3290

10.4410, 0.1737,
0.0815

■ 8.5264, 0.1628,
0.0688

■ 7.9349, 0.1587,
0.0648

Harmonies

Analogous

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



44.6828, 0.2147, 0.2243



44.6828, 0.2616, 0.2272



44.6828, 0.3281, 0.2511

Triad

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



44.6828, 0.2616, 0.2272



44.6828, 0.4472, 0.3930



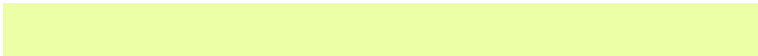
44.6828, 0.2302, 0.3650

Complementary

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



44.6828, 0.2616, 0.2272



92.2876, 0.3532, 0.4201

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.



44.6828, 0.2865, 0.4303



44.6828, 0.2616, 0.2272



44.6828, 0.4127, 0.4373

Square

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



44.6828, 0.2616, 0.2272



44.6828, 0.4427, 0.3411



44.6828, 0.3534, 0.4563



44.6828, 0.1978, 0.2947

Rectangle

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



44.6828, 0.2616, 0.2272



44.6828, 0.3755, 0.2765



44.6828, 0.3534, 0.4563



44.6828, 0.2468, 0.3893

Sweetspot

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



44.6833, 0.2616, 0.2272



81.1371, 0.3004, 0.3033



76.0146, 0.2606, 0.3090



16.8421, 0.2985, 0.2994



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.



44.6833, 0.2616, 0.2272



36.8588, 0.2487, 0.2033



51.0416, 0.2954, 0.2364



17.5541, 0.3010, 0.3046



4.1956, 0.1598, 0.0654



0.4518, 0.1697, 0.0708

Inverse Universe

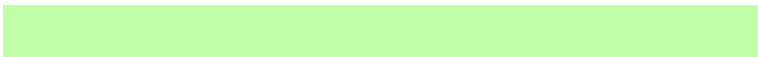
The Inverse Universe completely reimagines the original color for something new.



54.6554, 0.3313, 0.2580



48.3146, 0.3361, 0.2439



85.5731, 0.3239, 0.4293



18.2339, 0.3169, 0.3102



13.3982, 0.3797, 0.1866



1.3197, 0.3717, 0.1821

Previews

White Background



This preview shows how the Yxy color 44.6828, 0.2616, 0.2272 looks on a white background.

Color Contrast Check

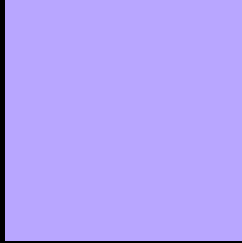
Large Text (above 18pt) WCAG AA × Fail

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 44.6828, 0.2616, 0.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

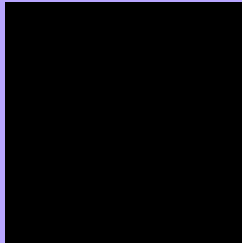
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6828, 0.2616, 0.2272

Background



This preview shows how black text looks on a background with the Yxy color 44.6828, 0.2616, 0.2272.



This preview shows how white text looks on a background with the Yxy color 44.6828, 0.2616, 0.2272.

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

44.6828, 0.2616, 0.2272

Protanopia

45.0430, 0.2425, 0.2339

Deuteranopia

44.7218, 0.2424, 0.2355



Tritanopia

44.8611, 0.2960, 0.3105

Trichromacy



Original Color

44.6828, 0.2616, 0.2272

Protanomaly

44.6176, 0.2488, 0.2307

Deuteranomaly

44.4473, 0.2486, 0.2315

Tritanomaly

44.4601, 0.2821, 0.2761

Monochromacy



Original Color

44.6828, 0.2616, 0.2272

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7214, 0.2929, 0.2876

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6828, 0.2616, 0.2272 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(184, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 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(184, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.6828, 0.2616, 0.2272 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(184, 166, 255) }
```

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

```
.border{ border-color:rgb(184, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6828, 0.2616, 0.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 255) }
```

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

```
.background{ background-color: rgb(184,  
166, 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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