

Converting Colors

Yxy(46.6337, 0.2611, 0.2341)

Have a look what the booklet for
Yxy(46.6337, 0.2611, 0.2341)
contains.

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Color

Yxy(46.6701, 0.2609, 0.2338)

Conversions

Conversions Part 1

Format	Color
Hex	B6ACFF
RGB	182, 172, 255
RGB Percent	71%, 67%, 100%
CMY	0.2866, 0.3254, 0.0000
CMYK	0.29, 0.33, 0.00, 0.00
HSL	247°, 100%, 84%
HSV	247°, 33%, 100%
XYZ	52.0797, 46.6701, 100.8657
YIQ	184.4520, -20.6830, 27.9330

Conversions

Conversions Part 2

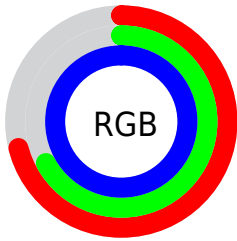
Format	Color
R _Y B	182, 172, 255
Decimal	11971839
CIE Lab	73.98, 21.31, -39.83
CIE LCh	74, 45.173, 298.148
Yxy	46.6701, 0.2609, 0.2338
Android (android.graphics.Color)	4290161919 (0xFFB6ACFF)
YUV	184.4520, 34.7802, -2.1504
Hunter-Lab	68.3155, 16.5256, -39.7189

Details

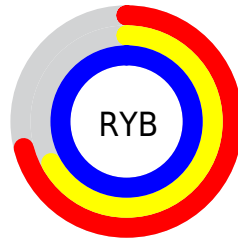
The Yxy color **46.6701, 0.2609, 0.2338** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.9261, 0.3552, 0.4124**, and the grayscale version is **48.0044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5089, 0.3032, 0.3010**, and **22.0222, 0.2467, 0.2117** is the 20% darker color. If you saturate the color by 10%, you get **35.3601, 0.2414, 0.1994**, and if you desaturate by 10%, it is **60.2843, 0.2790, 0.2663**.

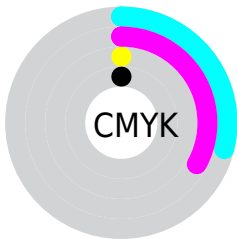
Distribution



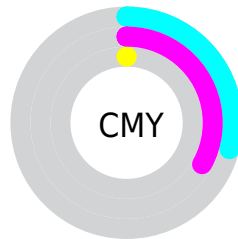
- Red (71%)
- Green (67%)
- Blue (100%)



- Red (71%)
- Yellow (67%)
- Blue (100%)



- Cyan (29%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6701, 0.2609, 0.2338 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 46.6701, 0.2609, 0.2338 by changing the saturation by 10% instead.

■ 46.6701, 0.2609,
0.2338

■ 46.6701, 0.2609,
0.2338

■ 373.4962, 0.2868,
0.2781

■ 32.7749, 0.2546,
0.2238

■ 85.2210, 0.2702,
0.2491

■ 21.9541, 0.2467,
0.2115

■ 110.6455, 0.2737,
0.2551

■ 13.8232, 0.2364,
0.1961

■ 140.6819, 0.2767,
0.2603

■ 7.9978, 0.2226,
0.1765

■ 175.7146, 0.2793,
0.2648

■ 4.0935, 0.2035,
0.1509

■ 216.1279, 0.2815,
0.2687

■ 1.7260, 0.1758,
0.1170

■ 262.3064, 0.2835,

■ 0.4404, 0.1354,

0.2722

0.0633

314.6343, 0.2852,
0.2754

0.0000, 0.0000,
0.0000

46.6701, 0.2609,
0.2338

46.6701, 0.2609,
0.2338

35.3601, 0.2414,
0.1994

60.2843, 0.2790,
0.2663

26.2211, 0.2211,
0.1647

76.3151, 0.2952,
0.2961

19.1147, 0.2013,
0.1318

94.8739, 0.3094,
0.3228

13.8842, 0.1833,
0.1032

99.9997, 0.3127,
0.3290

10.3496, 0.1687,
0.0813

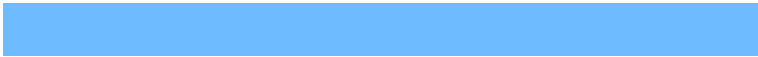
■ 8.2952, 0.1583,
0.0675

■ 7.5020, 0.1535,
0.0619

Harmonies

Analogous

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



46.6701, 0.2194, 0.2335



46.6701, 0.2609, 0.2338



46.6701, 0.3207, 0.2542

Triad

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



46.6701, 0.2609, 0.2338



46.6701, 0.4370, 0.3845



46.6701, 0.2416, 0.3685

Complementary

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



46.6701, 0.2609, 0.2338



93.9261, 0.3552, 0.4124

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.



46.6701, 0.2952, 0.4246



46.6701, 0.2609, 0.2338



46.6701, 0.4092, 0.4257

Square

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



46.6701, 0.2609, 0.2338



46.6701, 0.4286, 0.3363



46.6701, 0.3567, 0.4446



46.6701, 0.2088, 0.3041

Rectangle

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



46.6701, 0.2609, 0.2338



46.6701, 0.3640, 0.2770



46.6701, 0.3567, 0.4446



46.6701, 0.2576, 0.3897

Sweetspot

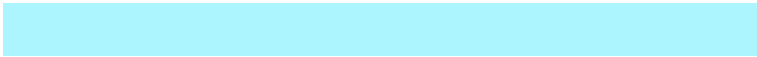
The Sweet Spot groups the original color and five complimentary colors.



46.6719, 0.2609, 0.2338



80.7824, 0.2990, 0.3032



81.4893, 0.2648, 0.3182



16.7570, 0.2969, 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.



46.6719, 0.2609, 0.2338



39.1069, 0.2484, 0.2117



52.4541, 0.2915, 0.2416



17.4815, 0.2997, 0.3045



3.9526, 0.1542, 0.0623



0.4164, 0.1616, 0.0664

Inverse Universe

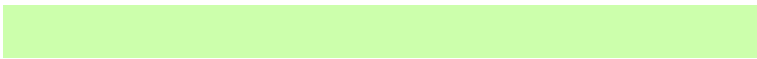
The Inverse Universe completely reimagines the original color for something new.



57.3735, 0.3242, 0.2566



51.3654, 0.3270, 0.2425



87.3099, 0.3277, 0.4204



18.2609, 0.3156, 0.3083



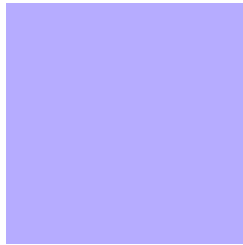
13.9522, 0.3536, 0.1721



1.3686, 0.3493, 0.1698

Previews

White Background



This preview shows how the Yxy color 46.6701, 0.2609, 0.2338 looks on a white background.

Color Contrast Check

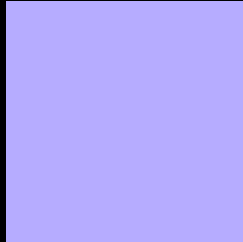
Large Text (above 18pt) WCAG AA × Fail

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 46.6701, 0.2609, 0.2338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

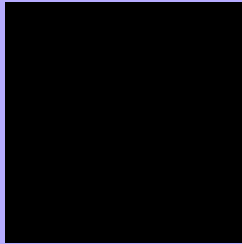
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6701, 0.2609, 0.2338

Background



This preview shows how black text looks on a background with the Yxy color 46.6701, 0.2609, 0.2338.



This preview shows how white text looks on a background with the Yxy color 46.6701, 0.2609, 0.2338.

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

46.6701, 0.2609, 0.2338

Protanopia

46.7293, 0.2462, 0.2383

Deuteranopia

46.9025, 0.2468, 0.2414



Tritanopia

46.4902, 0.2908, 0.3093

Trichromacy



Original Color

46.6701, 0.2609, 0.2338

Protanomaly

46.4862, 0.2514, 0.2360

Deuteranomaly

46.7070, 0.2514, 0.2380

Tritanomaly

46.3533, 0.2789, 0.2788

Monochromacy



Original Color

46.6701, 0.2609, 0.2338

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3629, 0.2923, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6701, 0.2609, 0.2338 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(182, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 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(182, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 255) }
```

Border

The CSS property to change the border of an element to Yxy 46.6701, 0.2609, 0.2338 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(182, 172, 255) }
```

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

```
.border{ border-color:rgb(182, 172, 255) }
```

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

Here you see how a box with a 4 pixel rgb(182, 172, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6701, 0.2609, 0.2338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 255) }
```

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

```
.background{ background-color: rgb(182,  
172, 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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