

Converting Colors

$Yxy(44.3127, 0.2606, 0.2266)$

Have a look what the booklet for
Yxy(44.3127, 0.2606, 0.2266)
contains.

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Color

Yxy(44.4375, 0.2602, 0.2268)

Conversions

Conversions Part 1

Format	Color
Hex	B6A6FF
RGB	182, 166, 255
RGB Percent	71%, 65%, 100%
CMY	0.2862, 0.3490, 0.0000
CMYK	0.29, 0.35, 0.00, 0.00
HSL	251°, 100%, 83%
HSV	251°, 35%, 100%
XYZ	50.9816, 44.4375, 100.5134
YIQ	180.9300, -19.0330, 31.0710

Conversions

Conversions Part 2

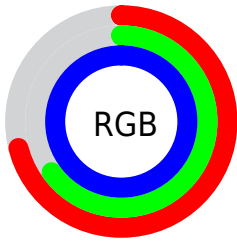
Format	Color
RYB	182, 166, 255
Decimal	11970303
CIELab	72.52, 24.70, -42.12
CIELCh	73, 48.826, 300.390
Yxy	44.4375, 0.2602, 0.2268
Android (android.graphics.Color)	4290160383 (0xFFB6A6FF)
YUV	180.9300, 36.5165, 0.9384
Hunter-Lab	66.6615, 19.8565, -42.7355

Details

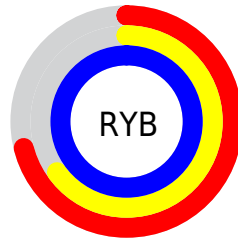
The Yxy color $44.4375, 0.2602, 0.2268$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $92.6210, 0.3545, 0.4197$, and the grayscale version is $45.9761, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2836, 0.3033, 0.2948$, and $20.6239, 0.2455, 0.2028$ is the 20% darker color. If you saturate the color by 10%, you get $33.7094, 0.2415, 0.1928$, and if you desaturate by 10%, it is $57.3846, 0.2775, 0.2594$.

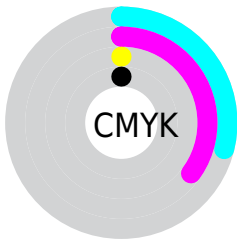
Distribution



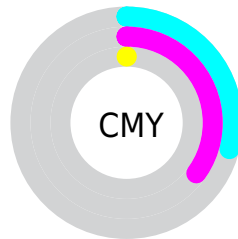
- Red (71%)
- Green (65%)
- Blue (100%)



- Red (71%)
- Yellow (65%)
- Blue (100%)



- Cyan (29%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)




- Cyan (29%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4375, 0.2602, 0.2268 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 44.4375, 0.2602, 0.2268 by changing the saturation by 10% instead.


 44.4375, 0.2602,
0.2268

 44.4375, 0.2602,
0.2268


364.4906, 0.2867,
0.2744

 31.0146, 0.2537,
0.2161


 81.8757, 0.2698,
0.2432

 20.6100, 0.2455,
0.2029


 106.6597, 0.2734,
0.2497

 12.8392, 0.2347,
0.1866


135.9996, 0.2765,
0.2552

 7.3179, 0.2204,
0.1659

170.2798, 0.2791,
0.2600

 3.6617, 0.2003,
0.1390

209.8846, 0.2814,
0.2643

 1.4862, 0.1712,
0.1040

255.1984, 0.2834,

 0.2790, 0.1301,

0.2680

0.0418

306.6056, 0.2851,
0.2714

0.0000, 0.0000,
0.0000

44.4375, 0.2602,
0.2268

44.4375, 0.2602,
0.2268

33.7094, 0.2415,
0.1928

57.3846, 0.2775,
0.2594

25.0728, 0.2221,
0.1590

72.6652, 0.2931,
0.2895

18.3895, 0.2031,
0.1274

90.3875, 0.3067,
0.3168

13.5036, 0.1858,
0.1005

100.0000, 0.3127,
0.3290

10.2351, 0.1714,
0.0803

■ 8.3643, 0.1609,
0.0678

■ 7.7982, 0.1571,
0.0639

Harmonies

Analogous

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



44.4375, 0.2138, 0.2244



44.4375, 0.2602, 0.2268



44.4375, 0.3265, 0.2503

Triad

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



44.4375, 0.2602, 0.2268



44.4375, 0.4477, 0.3919



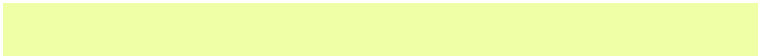
44.4375, 0.2312, 0.3668

Complementary

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



44.4375, 0.2602, 0.2268



92.6210, 0.3545, 0.4197

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.



44.4375, 0.2880, 0.4316



44.4375, 0.2602, 0.2268



44.4375, 0.4139, 0.4366

Square

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



44.4375, 0.2602, 0.2268



44.4375, 0.4422, 0.3399



44.4375, 0.3549, 0.4564



44.4375, 0.1982, 0.2961

Rectangle

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



44.4375, 0.2602, 0.2268



44.4375, 0.3739, 0.2755



44.4375, 0.3549, 0.4564



44.4375, 0.2480, 0.3910

Sweetspot

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



44.4380, 0.2602, 0.2268



81.0432, 0.3000, 0.3033



77.7447, 0.2611, 0.3123



16.8196, 0.2981, 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.



44.4380, 0.2602, 0.2268



36.6027, 0.2470, 0.2028



50.5523, 0.2930, 0.2357



17.5349, 0.3007, 0.3046



4.1198, 0.1581, 0.0645



0.4417, 0.1674, 0.0696

Inverse Universe

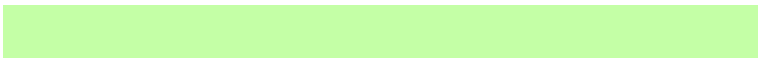
The Inverse Universe completely reimagines the original color for something new.



54.7624, 0.3296, 0.2562



48.4487, 0.3340, 0.2418



85.9639, 0.3258, 0.4287



18.2410, 0.3166, 0.3097



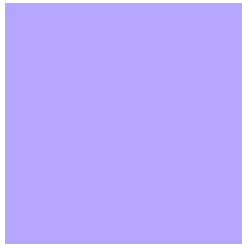
13.5375, 0.3725, 0.1826



1.3321, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 44.4375, 0.2602, 0.2268 looks on a white background.

Color Contrast Check

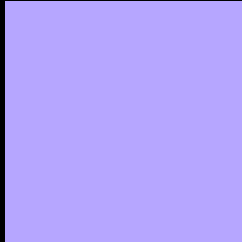
Large Text (above 18pt) WCAG AA × Fail

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 44.4375, 0.2602, 0.2268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

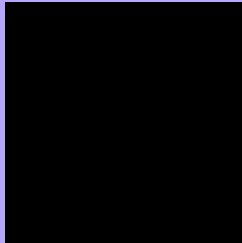
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4375, 0.2602, 0.2268

Background



This preview shows how black text looks on a background with the Yxy color 44.4375, 0.2602, 0.2268.



This preview shows how white text looks on a background with the Yxy color 44.4375, 0.2602, 0.2268.

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

44.4375, 0.2602, 0.2268

Protanopia

44.5553, 0.2417, 0.2325

Deuteranopia

44.6265, 0.2418, 0.2354



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.4375, 0.2602, 0.2268

Protanomaly

44.5116, 0.2481, 0.2305

Deuteranomaly

44.3422, 0.2480, 0.2313

Tritanomaly

44.2286, 0.2806, 0.2758

Monochromacy



Original Color

44.4375, 0.2602, 0.2268

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4285, 0.2920, 0.2886

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4375, 0.2602, 0.2268 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, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.4375, 0.2602, 0.2268 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, 166, 255) }
```

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

```
.border{ border-color:rgb(182, 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(182, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4375, 0.2602, 0.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 255) }
```

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

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