

Converting Colors

Yxy(42.6146, 0.2650, 0.2195)

Have a look what the booklet for
Yxy(42.6146, 0.2650, 0.2195)
contains.

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Color

Yxy(42.6209, 0.2652, 0.2194)

Conversions

Conversions Part 1

Format	Color
Hex	BE9EFF
RGB	190, 158, 255
RGB Percent	75%, 62%, 100%
CMY	0.2548, 0.3804, 0.0000
CMYK	0.25, 0.38, 0.00, 0.00
HSL	260°, 100%, 81%
HSV	260°, 38%, 100%
XYZ	51.5181, 42.6209, 100.1222
YIQ	178.6260, -12.0650, 36.9510

Conversions

Conversions Part 2

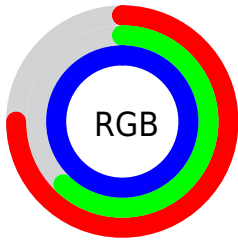
Format	Color
RYB	190, 158, 255
Decimal	12492543
CIELab	71.30, 31.39, -43.97
CIELCh	71, 54.029, 305.522
Yxy	42.6209, 0.2652, 0.2194
Android (android.graphics.Color)	4290682623 (0xFFBE9EFF)
YUV	178.6260, 37.6524, 9.9750
Hunter-Lab	65.2847, 26.6114, -45.2293

Details

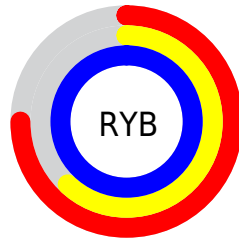
The Yxy color $42.6209, 0.2652, 0.2194$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $89.6698, 0.3481, 0.4314$, and the grayscale version is $44.6733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.7650, 0.3097, 0.2874$, and $19.4536, 0.2506, 0.1936$ is the 20% darker color. If you saturate the color by 10%, you get $32.7354, 0.2492, 0.1871$, and if you desaturate by 10%, it is $54.5715, 0.2799, 0.2511$.

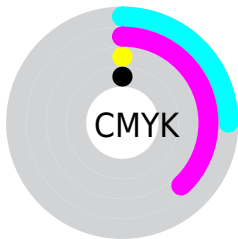
Distribution



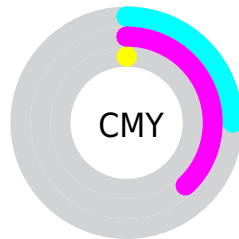
- Red (75%)
- Green (62%)
- Blue (100%)



- Red (75%)
- Yellow (62%)
- Blue (100%)



- Cyan (25%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6209, 0.2652, 0.2194 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 42.6209, 0.2652, 0.2194 by changing the saturation by 10% instead.


 42.6209, 0.2652,
0.2194


 42.6209, 0.2652,
0.2194


357.0504, 0.2897,
0.2701

 29.5878, 0.2591,
0.2080


 79.1385, 0.2742,
0.2369

 19.5259, 0.2512,
0.1942


 103.3917, 0.2775,
0.2437

 12.0509, 0.2410,
0.1771


132.1538, 0.2803,
0.2496

 6.7784, 0.2271,
0.1555

165.8091, 0.2828,
0.2548

 3.3239, 0.2075,
0.1279

204.7420, 0.2849,
0.2593

 1.3031, 0.1787,
0.0925

249.3369, 0.2867,

 0.1436, 0.1387,

0.2633

0.0220

299.9783, 0.2883,
0.2669

0.0000, 0.0000,
0.0000

42.6209, 0.2652,
0.2194

42.6209, 0.2652,
0.2194

32.7354, 0.2492,
0.1871

54.5715, 0.2799,
0.2511

24.7894, 0.2323,
0.1557

68.6942, 0.2931,
0.2810

18.6500, 0.2155,
0.1270

85.0936, 0.3046,
0.3087

14.1649, 0.1996,
0.1030

100.0000, 0.3127,
0.3290

11.1554, 0.1857,
0.0852

■ 9.3820, 0.1743,
0.0740

■ 9.1152, 0.1723,
0.0723

Harmonies

Analogous

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



42.6209, 0.2101, 0.2122



42.6209, 0.2652, 0.2194



42.6209, 0.3414, 0.2485

Triad

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



42.6209, 0.2652, 0.2194



42.6209, 0.4590, 0.4061



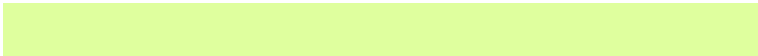
42.6209, 0.2134, 0.3566

Complementary

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



42.6209, 0.2652, 0.2194



89.6698, 0.3481, 0.4314

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.



42.6209, 0.2719, 0.4355



42.6209, 0.2652, 0.2194



42.6209, 0.4142, 0.4544

Square

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



42.6209, 0.2652, 0.2194



42.6209, 0.4624, 0.3492



42.6209, 0.3455, 0.4721



42.6209, 0.1830, 0.2796

Rectangle

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



42.6209, 0.2652, 0.2194



42.6209, 0.3941, 0.2776



42.6209, 0.3455, 0.4721



42.6209, 0.2302, 0.3849

Sweetspot

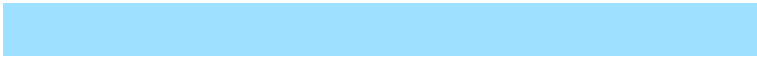
The Sweet Spot groups the original color and five complimentary colors.



42.6223, 0.2652, 0.2194



80.0005, 0.3014, 0.3008



67.9506, 0.2544, 0.2936



16.6383, 0.2999, 0.2971



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.



42.6223, 0.2652, 0.2194



34.5929, 0.2525, 0.1937



49.7125, 0.3025, 0.2304



17.6691, 0.3030, 0.3048



4.8349, 0.1739, 0.0732



0.5274, 0.1860, 0.0798

Inverse Universe

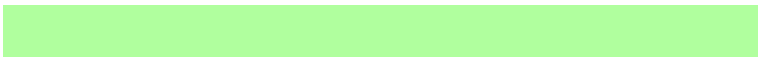
The Inverse Universe completely reimagines the original color for something new.



51.0364, 0.3443, 0.2632



44.3221, 0.3535, 0.2498



83.1924, 0.3176, 0.4420



18.1923, 0.3189, 0.3132



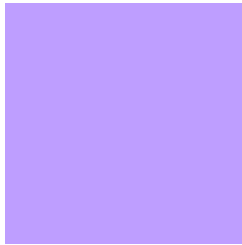
12.6695, 0.4265, 0.2123



1.2538, 0.4113, 0.2040

Previews

White Background



This preview shows how the Yxy color 42.6209, 0.2652, 0.2194 looks on a white background.

Color Contrast Check

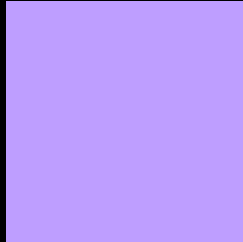
Large Text (above 18pt) WCAG AA × Fail

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 42.6209, 0.2652, 0.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

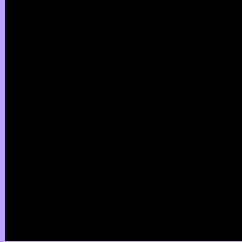
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6209, 0.2652, 0.2194

Background



This preview shows how black text looks on a background with the Yxy color 42.6209, 0.2652, 0.2194.



This preview shows how white text looks on a background with the Yxy color 42.6209, 0.2652, 0.2194.

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

42.6209, 0.2652, 0.2194

Protanopia

42.9281, 0.2381, 0.2280

Deuteranopia

42.8447, 0.2380, 0.2317



Tritanopia

42.3973, 0.3057, 0.3104

Trichromacy



Original Color

42.6209, 0.2652, 0.2194

Protanomaly

42.6440, 0.2473, 0.2245

Deuteranomaly

42.6742, 0.2472, 0.2272

Tritanomaly

42.2857, 0.2903, 0.2736

Monochromacy



Original Color

42.6209, 0.2652, 0.2194

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.6981, 0.2943, 0.2835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6209, 0.2652, 0.2194 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(190, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 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(190, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 255) }
```

Border

The CSS property to change the border of an element to Yxy 42.6209, 0.2652, 0.2194 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(190, 158, 255) }
```

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

```
.border{ border-color:rgb(190, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6209, 0.2652, 0.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 255) }
```

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

```
.background{ background-color: rgb(190,  
158, 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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