

Converting Colors

$Y_{xy}(50.8780, 0.2686, 0.2521)$

Have a look what the booklet for
Yxy(50.8780, 0.2686, 0.2521)
contains.

Yxy(50.7346, 0.2685, 0.2519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.7346, 0.2685, 0.2519)

Conversions

Conversions Part 1

Format	Color
Hex	BAB6F9
RGB	186, 182, 249
RGB Percent	73%, 71%, 98%
CMY	0.2706, 0.2863, 0.0234
CMYK	0.25, 0.27, 0.00, 0.02
HSL	244°, 85%, 85%
HSV	244°, 27%, 98%
XYZ	54.0780, 50.7346, 96.5951
YIQ	190.8340, -19.1230, 21.6850

Conversions

Conversions Part 2

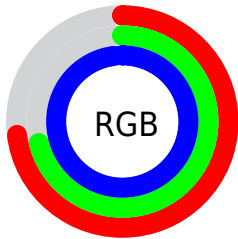
Format	Color
R _Y B	186, 182, 249
Decimal	12236537
CIE Lab	76.52, 15.53, -32.66
CIE LCh	77, 36.165, 295.432
Yxy	50.7346, 0.2685, 0.2519
Android (android.graphics.Color)	4290426617 (0xFFBAB6F9)
YUV	190.8340, 28.6758, -4.2394
Hunter-Lab	71.2282, 10.8716, -30.5455

Details

The Yxy color **50.7346, 0.2685, 0.2519** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.5749, 0.3507, 0.3971**, and the grayscale version is **51.8389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4238, 0.3057, 0.3122**, and **24.3316, 0.2564, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **38.7299, 0.2487, 0.2179**, and if you desaturate by 10%, it is **65.0379, 0.2866, 0.2833**.

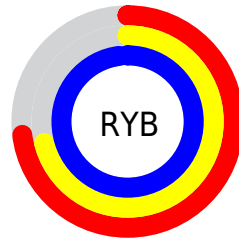
Distribution



Red (73%)

Green (71%)

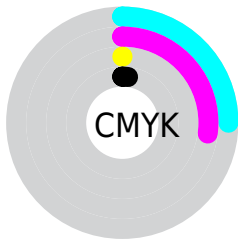
Blue (98%)



Red (73%)

Yellow (71%)

Blue (98%)

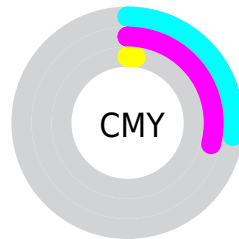


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7346, 0.2685, 0.2519 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 50.7346, 0.2685, 0.2519 by changing the saturation by 10% instead.

■ 50.7346, 0.2685,
0.2519

■ 50.7346, 0.2685,
0.2519

■ 389.5318, 0.2903,
0.2880

■ 35.9974, 0.2632,
0.2436

■ 91.2623, 0.2763,
0.2645

■ 24.4322, 0.2566,
0.2334

■ 117.8217, 0.2793,
0.2693

■ 15.6545, 0.2480,
0.2206

■ 149.0906, 0.2818,
0.2735

■ 9.2800, 0.2366,
0.2040

■ 185.4534, 0.2840,
0.2772

■ 4.9243, 0.2205,
0.1818

■ 227.2946, 0.2858,
0.2804

■ 2.2029, 0.1968,
0.1511

■ 274.9984, 0.2875,

■ 0.7216, 0.1601,

0.2832

0.1065

328.9493, 0.2890,
0.2857

0.0000, 0.0058,
0.0000

0.0000, 0.0000,
0.0000

50.7346, 0.2685,
0.2519

50.7346, 0.2685,
0.2519

38.7299, 0.2487,
0.2179

65.0379, 0.2866,
0.2833

28.8984, 0.2278,
0.1826

81.7448, 0.3028,
0.3115

21.1117, 0.2069,
0.1478

99.6219, 0.3162,
0.3347

15.2254, 0.1876,
0.1161

■ 11.0765, 0.1713,
0.0902

■ 8.4744, 0.1595,
0.0721

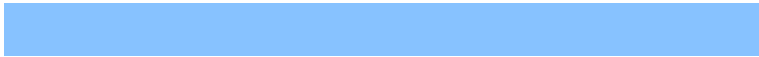
■ 7.1793, 0.1526,
0.0625

■ 6.9417, 0.1513,
0.0607

Harmonies

Analogous

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



50.7346, 0.2363, 0.2540



50.7346, 0.2685, 0.2519



50.7346, 0.3150, 0.2670

Triad

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



50.7346, 0.2685, 0.2519



50.7346, 0.4106, 0.3717



50.7346, 0.2605, 0.3641

Complementary

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



50.7346, 0.2685, 0.2519



90.5749, 0.3507, 0.3971

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.



50.7346, 0.3045, 0.4043



50.7346, 0.2685, 0.2519



50.7346, 0.3922, 0.4039

Square

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



50.7346, 0.2685, 0.2519



50.7346, 0.4006, 0.3328



50.7346, 0.3528, 0.4182



50.7346, 0.2317, 0.3150

Rectangle

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



50.7346, 0.2685, 0.2519



50.7346, 0.3486, 0.2850



50.7346, 0.3528, 0.4182



50.7346, 0.2739, 0.3796

Sweetspot

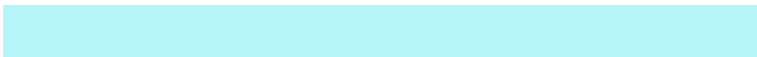
The Sweet Spot groups the original color and five complimentary colors.



50.7366, 0.2685, 0.2519



84.2085, 0.3011, 0.3086



82.5082, 0.2730, 0.3252



17.4292, 0.2988, 0.3045



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.



50.7366, 0.2685, 0.2519



46.7550, 0.2585, 0.2348



55.3396, 0.2926, 0.2570



16.6922, 0.2988, 0.3045



3.7337, 0.1518, 0.0610



0.3625, 0.1561, 0.0634

Inverse Universe

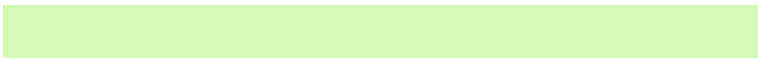
The Inverse Universe completely reimagines the original color for something new.



60.2001, 0.3189, 0.2655



58.2125, 0.3202, 0.2534



85.1745, 0.3284, 0.4023



17.5057, 0.3147, 0.3070



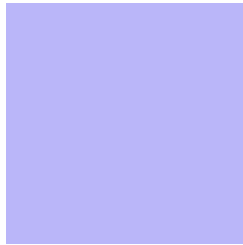
13.9745, 0.3364, 0.1627



1.2995, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 50.7346, 0.2685, 0.2519 looks on a white background.

Color Contrast Check

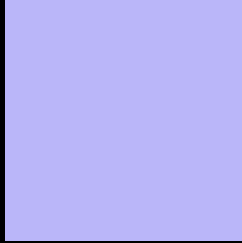
Large Text (above 18pt) WCAG AA × Fail

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 50.7346, 0.2685, 0.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

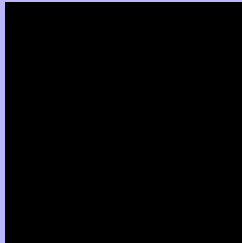
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7346, 0.2685, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 50.7346, 0.2685, 0.2519.



This preview shows how white text looks on a background with the Yxy color 50.7346, 0.2685, 0.2519.

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

50.7346, 0.2685, 0.2519

Protanopia

50.6921, 0.2565, 0.2515

Deuteranopia

51.0091, 0.2621, 0.2562



Tritanopia

50.5818, 0.2915, 0.3100

Trichromacy



Original Color

50.7346, 0.2685, 0.2519

Protanomaly

50.8931, 0.2609, 0.2521

Deuteranomaly

51.0589, 0.2647, 0.2555

Tritanomaly

50.4644, 0.2826, 0.2873

Monochromacy



Original Color

50.7346, 0.2685, 0.2519

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5387, 0.2957, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7346, 0.2685, 0.2519 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(186, 182, 249)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 249)  
}
```

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(186, 182, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 249) }
```

Border

The CSS property to change the border of an element to Yxy 50.7346, 0.2685, 0.2519 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(186, 182, 249) }
```

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

```
.border{ border-color:rgb(186, 182, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 249);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7346, 0.2685, 0.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 249) }
```

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

```
.background{ background-color: rgb(186,  
182, 249) }
```

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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