

Converting Colors

Yxy(52.5334, 0.2597, 0.2519)

Have a look what the booklet for
Yxy(52.5334, 0.2597, 0.2519)
contains.

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Color

Yxy(52.5336, 0.2597, 0.2518)

Conversions

Conversions Part 1

Format	Color
Hex	B1BCFF
RGB	177, 188, 255
RGB Percent	69%, 74%, 100%
CMY	0.3056, 0.2628, 0.0000
CMYK	0.31, 0.26, 0.00, 0.00
HSL	232°, 100%, 85%
HSV	232°, 31%, 100%
XYZ	54.1818, 52.5336, 101.9169
YIQ	192.3490, -28.0630, 18.5050

Conversions

Conversions Part 2

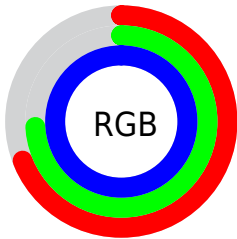
Format	Color
R_{YB}	177, 187, 255
Decimal	11648255
CIE _{Lab}	77.60, 11.14, -34.26
CIE _{LCh}	78, 36.028, 288.006
Yxy	52.5336, 0.2597, 0.2518
Android (android.graphics.Color)	4289838335 (0xFFB1BCFF)
YUV	192.3490, 30.8869, -13.4611
Hunter-Lab	72.4801, 6.5959, -32.6338

Details

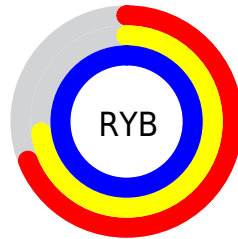
The Yxy color **52.5336, 0.2597, 0.2518** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.2019, 0.3620, 0.3959**, and the grayscale version is **52.7616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4138, 0.2999, 0.3180**, and **25.5427, 0.2458, 0.2336** is the 20% darker color. If you saturate the color by 10%, you get **41.1434, 0.2397, 0.2213**, and if you desaturate by 10%, it is **65.9077, 0.2787, 0.2800**.

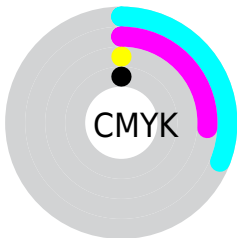
Distribution



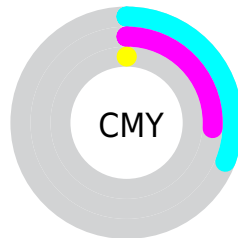
- Red (69%)
- Green (74%)
- Blue (100%)



- Red (69%)
- Yellow (73%)
- Blue (100%)



- Cyan (31%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5336, 0.2597, 0.2518 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 52.5336, 0.2597, 0.2518 by changing the saturation by 10% instead.

■ 52.5336, 0.2597,
0.2518

■ 52.5336, 0.2597,
0.2518

■ 396.4932, 0.2854,
0.2879

■ 37.4306, 0.2536,
0.2436

■ 93.9177, 0.2688,
0.2644

■ 25.5410, 0.2460,
0.2334

■ 120.9676, 0.2723,
0.2692

■ 16.4806, 0.2363,
0.2206

■ 152.7685, 0.2753,
0.2734

■ 9.8649, 0.2234,
0.2041

■ 189.7049, 0.2778,
0.2771

■ 5.3095, 0.2058,
0.1822

■ 232.1612, 0.2801,
0.2803

■ 2.4300, 0.1805,
0.1521

■ 280.5217, 0.2821,

■ 0.8412, 0.1426,

0.2831

0.1098

335.1709, 0.2838,
0.2857

■ 0.0000, 0.0073,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5336, 0.2597,
0.2518

■ 52.5336, 0.2597,
0.2518

■ 41.1434, 0.2397,
0.2213

■ 65.9077, 0.2787,
0.2800

■ 31.6415, 0.2194,
0.1894

■ 81.3541, 0.2961,
0.3054

■ 23.9247, 0.1998,
0.1575

■ 98.9564, 0.3119,
0.3278

■ 17.8798, 0.1822,
0.1276

■ 100.0000, 0.3127,
0.3290

■ 13.3800, 0.1680,
0.1018

■ 10.2798, 0.1580,
0.0818

■ 8.4611, 0.1526,
0.0691

Harmonies

Analogous

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



52.5336, 0.2323, 0.2585



52.5336, 0.2597, 0.2518



52.5336, 0.3028, 0.2628

Triad

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



52.5336, 0.2597, 0.2518



52.5336, 0.4094, 0.3619



52.5336, 0.2709, 0.3750

Complementary

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



52.5336, 0.2597, 0.2518



89.2019, 0.3620, 0.3959

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.



52.5336, 0.3165, 0.4092



52.5336, 0.2597, 0.2518



52.5336, 0.3979, 0.3961

Square

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



52.5336, 0.2597, 0.2518



52.5336, 0.3925, 0.3234



52.5336, 0.3632, 0.4156



52.5336, 0.2381, 0.3270

Rectangle

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



52.5336, 0.2597, 0.2518



52.5336, 0.3359, 0.2784



52.5336, 0.3632, 0.4156



52.5336, 0.2852, 0.3889

Sweetspot

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



52.5337, 0.2597, 0.2518



83.9494, 0.2987, 0.3091



87.3667, 0.2743, 0.3417



17.4489, 0.2963, 0.3056



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.



52.5337, 0.2597, 0.2518



44.9723, 0.2469, 0.2324



51.5841, 0.2775, 0.2435



17.7873, 0.2979, 0.3079



4.5447, 0.1530, 0.0708



0.5608, 0.1575, 0.0870

Inverse Universe

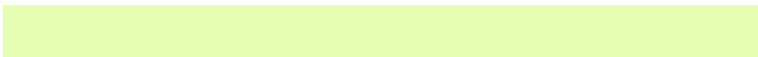
The Inverse Universe completely reimagines the original color for something new.



56.3666, 0.3724, 0.3178



49.6775, 0.3907, 0.3153



91.1473, 0.3406, 0.4106



18.0284, 0.3272, 0.3257



11.1868, 0.6219, 0.3199



1.1012, 0.5958, 0.3056

Previews

White Background



This preview shows how the Yxy color 52.5336, 0.2597, 0.2518 looks on a white background.

Color Contrast Check

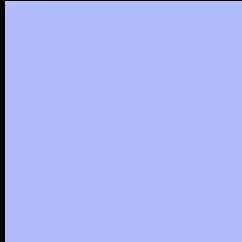
Large Text (above 18pt) WCAG AA × Fail

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 52.5336, 0.2597, 0.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

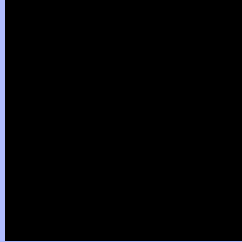
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5336, 0.2597, 0.2518

Background



This preview shows how black text looks on a background with the Yxy color 52.5336, 0.2597, 0.2518.



This preview shows how white text looks on a background with the Yxy color 52.5336, 0.2597, 0.2518.

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

52.5336, 0.2597, 0.2518

Protanopia

52.4994, 0.2572, 0.2525

Deuteranopia

52.7292, 0.2585, 0.2528



Tritanopia

52.5582, 0.2806, 0.3087

Trichromacy



Original Color

52.5336, 0.2597, 0.2518

Protanomaly

52.6139, 0.2579, 0.2526

Deuteranomaly

52.8453, 0.2592, 0.2529

Tritanomaly

52.3993, 0.2723, 0.2861

Monochromacy



Original Color

52.5336, 0.2597, 0.2518

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7327, 0.2922, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5336, 0.2597, 0.2518 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(177, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 188, 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(177, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.5336, 0.2597, 0.2518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

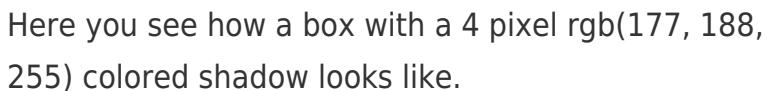
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 188, 255) }
```

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

```
.border{ border-color:rgb(177, 188, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 188, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 188, 255); box-shadow:4px 4px 4px 4px rgb(177, 188, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5336, 0.2597, 0.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 188, 255) }
```

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

```
.background{ background-color: rgb(177,  
188, 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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