

Converting Colors

$Yxy(52.9920, 0.2607, 0.2529)$

Have a look what the booklet for
Yxy(52.9920, 0.2607, 0.2529)
contains.

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Color

Yxy(53.0802, 0.2605, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	B2BDFF
RGB	178, 189, 255
RGB Percent	70%, 74%, 100%
CMY	0.3018, 0.2588, 0.0001
CMYK	0.30, 0.26, 0.00, 0.00
HSL	231°, 100%, 85%
HSV	231°, 30%, 100%
XYZ	54.6106, 53.0802, 101.9467
YIQ	193.2350, -27.7420, 18.1940

Conversions

Conversions Part 2

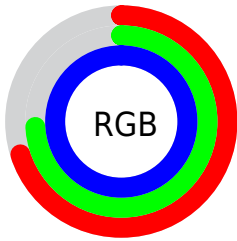
Format	Color
R _Y B	178, 188, 255
Decimal	11714047
CIE Lab	77.92, 10.83, -33.72
CIE LCh	78, 35.422, 287.808
Yxy	53.0802, 0.2605, 0.2532
Android (android.graphics.Color)	4289904127 (0xFFB2BDFF)
YUV	193.2350, 30.4501, -13.3611
Hunter-Lab	72.8562, 6.2994, -31.9644

Details

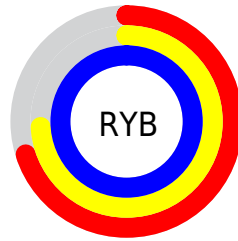
The Yxy color **53.0802, 0.2605, 0.2532** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1810, 0.3614, 0.3949**, and the grayscale version is **53.3081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1870, 0.3006, 0.3190**, and **25.8965, 0.2468, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **41.6317, 0.2406, 0.2228**, and if you desaturate by 10%, it is **66.5116, 0.2794, 0.2812**.

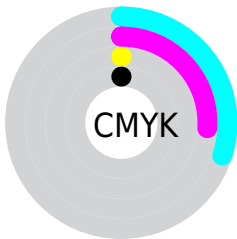
Distribution



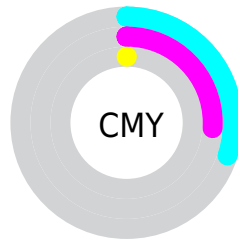
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (74%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0802, 0.2605, 0.2532 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 53.0802, 0.2605, 0.2532 by changing the saturation by 10% instead.

■ 53.0802, 0.2605,
0.2532

■ 53.0802, 0.2605,
0.2532

■ 398.5927, 0.2858,
0.2886

■ 37.8668, 0.2545,
0.2451

■ 94.7224, 0.2694,
0.2655

■ 25.8793, 0.2471,
0.2351

■ 121.9199, 0.2729,
0.2703

■ 16.7334, 0.2375,
0.2226

■ 153.8810, 0.2758,
0.2744

■ 10.0446, 0.2249,
0.2064

■ 190.9900, 0.2783,
0.2780

■ 5.4285, 0.2076,
0.1848

■ 233.6312, 0.2805,
0.2812

■ 2.5008, 0.1827,
0.1552

■ 282.1892, 0.2825,

■ 0.8771, 0.1454,

0.2839

0.1134

337.0482, 0.2842,
0.2864

0.0000, 0.0172,
0.0000

0.0000, 0.0000,
0.0000

53.0802, 0.2605,
0.2532

53.0802, 0.2605,
0.2532

41.6317, 0.2406,
0.2228

66.5116, 0.2794,
0.2812

32.0655, 0.2203,
0.1910

82.0078, 0.2968,
0.3064

24.2814, 0.2006,
0.1592

99.6533, 0.3125,
0.3286

18.1675, 0.1830,
0.1292

99.9979, 0.3127,
0.3290

■ 13.5986, 0.1686,
0.1031

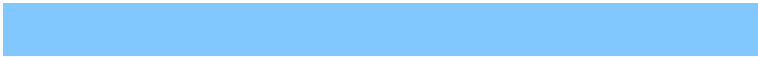
■ 10.4311, 0.1584,
0.0828

■ 8.4979, 0.1526,
0.0694

Harmonies

Analogous

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



53.0802, 0.2337, 0.2600



53.0802, 0.2605, 0.2532



53.0802, 0.3028, 0.2638

Triad

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



53.0802, 0.2605, 0.2532



53.0802, 0.4074, 0.3612



53.0802, 0.2721, 0.3743

Complementary

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



53.0802, 0.2605, 0.2532



89.1810, 0.3614, 0.3949

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.



53.0802, 0.3169, 0.4076



53.0802, 0.2605, 0.2532



53.0802, 0.3964, 0.3947

Square

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



53.0802, 0.2605, 0.2532



53.0802, 0.3907, 0.3233



53.0802, 0.3626, 0.4138



53.0802, 0.2397, 0.3274

Rectangle

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



53.0802, 0.2605, 0.2532



53.0802, 0.3352, 0.2791



53.0802, 0.3626, 0.4138



53.0802, 0.2861, 0.3879

Sweetspot

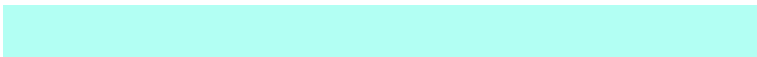
The Sweet Spot groups the original color and five complimentary colors.



53.0823, 0.2605, 0.2532



83.9828, 0.2987, 0.3091



87.4667, 0.2747, 0.3415



17.4570, 0.2963, 0.3057



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.



53.0823, 0.2605, 0.2532



46.1843, 0.2490, 0.2357



52.0514, 0.2780, 0.2447



17.7948, 0.2979, 0.3080



4.5670, 0.1531, 0.0711



0.5644, 0.1577, 0.0875

Inverse Universe

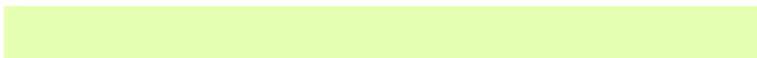
The Inverse Universe completely reimagines the original color for something new.



56.7868, 0.3712, 0.3177



50.6708, 0.3875, 0.3155



91.2168, 0.3403, 0.4095



18.0292, 0.3272, 0.3256



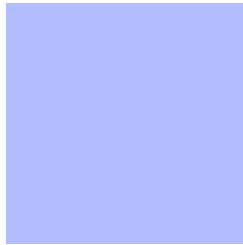
11.1890, 0.6214, 0.3197



1.1015, 0.5951, 0.3052

Previews

White Background



This preview shows how the Yxy color 53.0802, 0.2605, 0.2532 looks on a white background.

Color Contrast Check

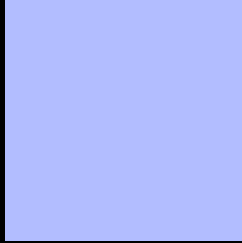
Large Text (above 18pt) WCAG AA × Fail

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 53.0802, 0.2605, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

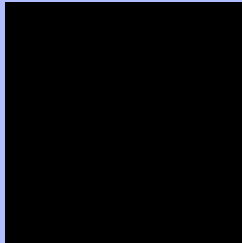
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0802, 0.2605, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 53.0802, 0.2605, 0.2532.



This preview shows how white text looks on a background with the Yxy color 53.0802, 0.2605, 0.2532.

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

53.0802, 0.2605, 0.2532

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

52.9623, 0.2598, 0.2530



Tritanopia

53.1716, 0.2808, 0.3088

Trichromacy



Original Color

53.0802, 0.2605, 0.2532

Protanomaly

53.1609, 0.2587, 0.2540

Deuteranomaly

52.9623, 0.2598, 0.2530

Tritanomaly

52.9557, 0.2731, 0.2874

Monochromacy



Original Color

53.0802, 0.2605, 0.2532

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3485, 0.2923, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0802, 0.2605, 0.2532 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(178, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 189, 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(178, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.0802, 0.2605, 0.2532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

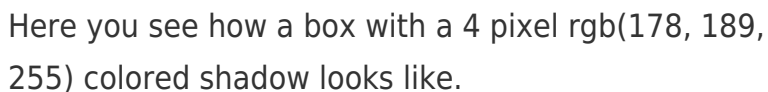
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 189, 255) }
```

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

```
.border{ border-color:rgb(178, 189, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 189, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 189, 255); box-shadow:4px 4px 4px 4px rgb(178, 189, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0802, 0.2605, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 189, 255) }
```

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

```
.background{ background-color: rgb(178,  
189, 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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