

Converting Colors

$Y_{xy}(53.1998, 0.2655, 0.2519)$

Have a look what the booklet for
Yxy(53.1998, 0.2655, 0.2519)
contains.

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Color

Yxy(53.1998, 0.2655, 0.2519)

Conversions

Conversions Part 1

Format	Color
Hex	BABBF
RGB	186, 187, 255
RGB Percent	73%, 73%, 100%
CMY	0.2705, 0.2667, 0.0000
CMYK	0.27, 0.27, 0.00, 0.00
HSL	239°, 100%, 86%
HSV	239°, 27%, 100%
XYZ	56.0720, 53.1998, 101.9223
YIQ	194.4530, -22.4240, 20.9360

Conversions

Conversions Part 2

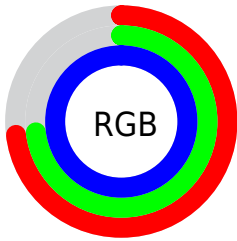
Format	Color
R_{YB}	186, 187, 255
Decimal	12237823
CIE _{Lab}	77.99, 14.20, -33.59
CIE _{LCh}	78, 36.468, 292.924
Yxy	53.1998, 0.2655, 0.2519
Android (android.graphics.Color)	4290427903 (0xFFBABBFF)
YUV	194.4530, 29.8497, -7.4133
Hunter-Lab	72.9382, 9.5820, -31.7939

Details

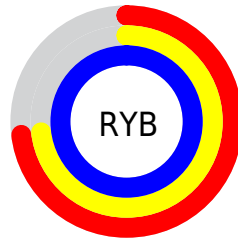
The Yxy color **53.1998, 0.2655, 0.2519** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.6972, 0.3540, 0.3960**, and the grayscale version is **54.0628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3759, 0.3056, 0.3172**, and **25.9527, 0.2530, 0.2338** is the 20% darker color. If you saturate the color by 10%, you get **40.5400, 0.2447, 0.2178**, and if you desaturate by 10%, it is **68.2997, 0.2847, 0.2833**.

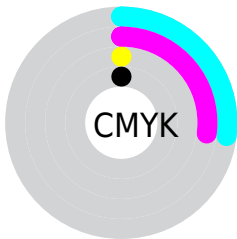
Distribution



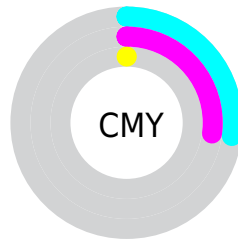
- Red (73%)
- Green (73%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1998, 0.2655, 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 53.1998, 0.2655, 0.2519 by changing the saturation by 10% instead.

 53.1998, 0.2655,
0.2519

 53.1998, 0.2655,
0.2519


399.0512, 0.2885,
0.2878

 37.9623, 0.2600,
0.2438

 94.8983, 0.2737,
0.2643

 25.9534, 0.2532,
0.2337


122.1281, 0.2768,
0.2692

 16.7888, 0.2444,
0.2212


154.1241, 0.2794,
0.2733

 10.0840, 0.2327,
0.2050

191.2707, 0.2817,
0.2770

 5.4547, 0.2166,
0.1835

233.9523, 0.2838,
0.2802

 2.5164, 0.1932,
0.1540

282.5534, 0.2855,

 0.8849, 0.1576,

0.2830

0.1127

337.4582, 0.2871,
0.2855

0.0000, 0.0493,
0.0000

0.0000, 0.0000,
0.0000

53.1998, 0.2655,
0.2519

53.1998, 0.2655,
0.2519

40.5400, 0.2447,
0.2178

68.2997, 0.2847,
0.2833

30.1869, 0.2231,
0.1823

85.9520, 0.3019,
0.3113

22.0032, 0.2019,
0.1472

100.0000, 0.3127,
0.3290

15.8349, 0.1827,
0.1154

■ 11.5074, 0.1671,
0.0894

■ 8.8169, 0.1565,
0.0714

■ 7.5091, 0.1511,
0.0621

■ 7.2992, 0.1502,
0.0606

Harmonies

Analogous

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



53.1998, 0.2349, 0.2556



53.1998, 0.2655, 0.2519



53.1998, 0.3108, 0.2656

Triad

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



53.1998, 0.2655, 0.2519



53.1998, 0.4102, 0.3683



53.1998, 0.2640, 0.3678

Complementary

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



53.1998, 0.2655, 0.2519



95.6972, 0.3540, 0.3960

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.



53.1998, 0.3086, 0.4060



53.1998, 0.2655, 0.2519



53.1998, 0.3941, 0.4012

Square

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



53.1998, 0.2655, 0.2519



53.1998, 0.3978, 0.3296



53.1998, 0.3564, 0.4173



53.1998, 0.2339, 0.3191

Rectangle

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



53.1998, 0.2655, 0.2519



53.1998, 0.3442, 0.2827



53.1998, 0.3564, 0.4173



53.1998, 0.2777, 0.3828

Sweetspot

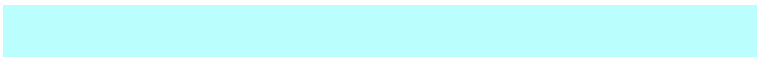
The Sweet Spot groups the original color and five complimentary colors.



53.2017, 0.2655, 0.2519



84.1690, 0.3003, 0.3088



89.1069, 0.2737, 0.3301



17.4194, 0.2978, 0.3048



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.



53.2017, 0.2655, 0.2519



46.6420, 0.2554, 0.2353



57.4589, 0.2890, 0.2558



17.4194, 0.2978, 0.3048



3.8320, 0.1503, 0.0609



0.3871, 0.1508, 0.0629

Inverse Universe

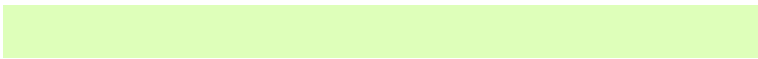
The Inverse Universe completely reimagines the original color for something new.



59.9713, 0.3708, 0.3281



54.3790, 0.3858, 0.3280



90.5411, 0.3315, 0.4021



17.9913, 0.3292, 0.3287



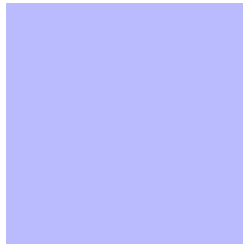
11.1148, 0.6386, 0.3292



1.0836, 0.6351, 0.3273

Previews

White Background



This preview shows how the Yxy color 53.1998, 0.2655, 0.2519 looks on a white background.

Color Contrast Check

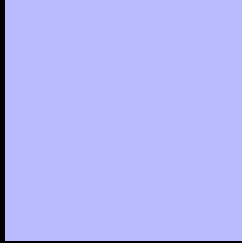
Large Text (above 18pt) WCAG AA × Fail

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 53.1998, 0.2655, 0.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

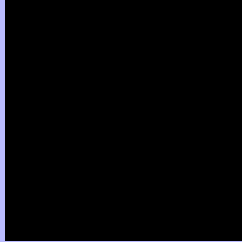
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1998, 0.2655, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 53.1998, 0.2655, 0.2519.



This preview shows how white text looks on a background with the Yxy color 53.1998, 0.2655, 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

53.1998, 0.2655, 0.2519

Protanopia

53.1609, 0.2587, 0.2540

Deuteranopia

53.4476, 0.2612, 0.2553



Tritanopia

53.0805, 0.2876, 0.3090

Trichromacy



Original Color

53.1998, 0.2655, 0.2519

Protanomaly

53.1989, 0.2611, 0.2533

Deuteranomaly

53.3747, 0.2630, 0.2546

Tritanomaly

52.9486, 0.2791, 0.2867

Monochromacy



Original Color

53.1998, 0.2655, 0.2519

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2958, 0.2945, 0.2989

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1998, 0.2655, 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, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 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(186, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.1998, 0.2655, 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, 187, 255) }
```

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

```
.border{ border-color:rgb(186, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1998, 0.2655, 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, 187, 255) }
```

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

```
.background{ background-color: rgb(186,  
187, 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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