

Converting Colors

$Y_{xy}(55.2524, 0.2724, 0.2721)$

Have a look what the booklet for
Yxy(55.2524, 0.2724, 0.2721)
contains.

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Color

Yxy(55.2450, 0.2721, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2F3
RGB	184, 194, 243
RGB Percent	72%, 76%, 95%
CMY	0.2782, 0.2393, 0.0471
CMYK	0.24, 0.20, 0.00, 0.05
HSL	230°, 71%, 84%
HSV	230°, 24%, 95%
XYZ	55.2450, 55.2450, 92.5420
YIQ	196.5960, -21.6890, 13.1190

Conversions

Conversions Part 2

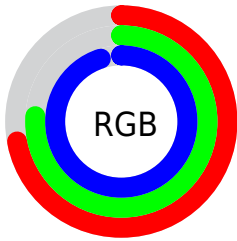
Format	Color
RYB	184, 193, 243
Decimal	12108531
CIELab	79.18, 7.01, -25.34
CIELCh	79, 26.291, 285.455
Yxy	55.2450, 0.2721, 0.2721
Android (android.graphics.Color)	4290298611 (0xFFB8C2F3)
YUV	196.5960, 22.8772, -11.0467
Hunter-Lab	74.3270, 2.6014, -21.7911

Details

The Yxy color **55.2450, 0.2721, 0.2721** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.8282, 0.3516, 0.3801**, and the grayscale version is **55.4539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2920, 0.3042, 0.3241**, and **27.3834, 0.2615, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **44.1093, 0.2530, 0.2441**, and if you desaturate by 10%, it is **68.1231, 0.2900, 0.2975**.

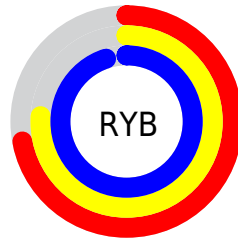
Distribution



Red (72%)

Green (76%)

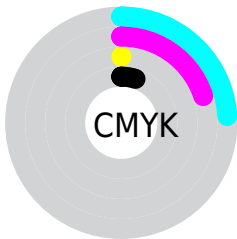
Blue (95%)



Red (72%)

Yellow (76%)

Blue (95%)

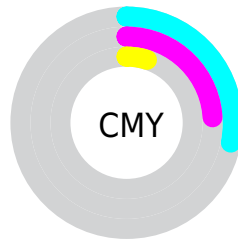


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (28%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2450, 0.2721, 0.2721 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 55.2450, 0.2721, 0.2721 by changing the saturation by 10% instead.

■ 55.2450, 0.2721,
0.2721

■ 55.2450, 0.2721,
0.2721

406.8400, 0.2917,
0.2990

■ 39.5979, 0.2674,
0.2659

■ 97.8998, 0.2790,
0.2815

■ 27.2252, 0.2616,
0.2581

125.6764, 0.2817,
0.2851

■ 17.7424, 0.2541,
0.2483

158.2648, 0.2840,
0.2883

■ 10.7652, 0.2441,
0.2354

196.0496, 0.2859,
0.2910

■ 5.9092, 0.2302,
0.2178

239.4151, 0.2877,
0.2933

■ 2.7899, 0.2097,
0.1926

288.7458, 0.2892,

■ 1.0231, 0.1772,

0.2954

0.1545

344.4259, 0.2905,
0.2973

0.0000, 0.0437,
0.0000

0.0000, 0.0000,
0.0000

55.2450, 0.2721,
0.2721

55.2450, 0.2721,
0.2721

44.1093, 0.2530,
0.2441

68.1231, 0.2900,
0.2975

34.6339, 0.2331,
0.2140

82.8077, 0.3063,
0.3202

26.7403, 0.2133,
0.1829

98.9954, 0.3197,
0.3401

20.3404, 0.1946,
0.1521

99.2509, 0.3197,
0.3405

■ 15.3376, 0.1783,
0.1237

■ 11.6232, 0.1654,
0.0994

■ 9.0711, 0.1568,
0.0808

■ 8.0545, 0.1536,
0.0729

Harmonies

Analogous

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



55.2450, 0.2526, 0.2791



55.2450, 0.2721, 0.2721



55.2450, 0.3031, 0.2789

Triad

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



55.2450, 0.2721, 0.2721



55.2450, 0.3817, 0.3519



55.2450, 0.2855, 0.3640

Complementary

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



55.2450, 0.2721, 0.2721



80.8282, 0.3516, 0.3801

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.



55.2450, 0.3193, 0.3865



55.2450, 0.2721, 0.2721



55.2450, 0.3757, 0.3768

Square

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



55.2450, 0.2721, 0.2721



55.2450, 0.3678, 0.3233



55.2450, 0.3525, 0.3905



55.2450, 0.2600, 0.3312

Rectangle

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



55.2450, 0.2721, 0.2721



55.2450, 0.3268, 0.2901



55.2450, 0.3525, 0.3905



55.2450, 0.2963, 0.3732

Sweetspot

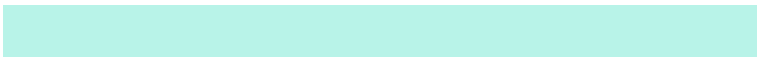
The Sweet Spot groups the original color and five complimentary colors.



55.2472, 0.2721, 0.2721



87.6644, 0.3019, 0.3142



80.1330, 0.2826, 0.3410



18.5464, 0.3010, 0.3129



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.



55.2472, 0.2721, 0.2721



55.4190, 0.2630, 0.2589



53.4310, 0.2846, 0.2627



16.3781, 0.2979, 0.3087



4.5517, 0.1541, 0.0748



0.5268, 0.1597, 0.0948

Inverse Universe

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



57.2518, 0.3551, 0.3184



58.2015, 0.3664, 0.3162



83.4623, 0.3363, 0.3923



16.5281, 0.3267, 0.3250



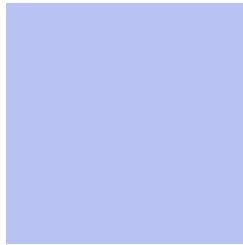
10.5589, 0.6154, 0.3164



0.9408, 0.5838, 0.2990

Previews

White Background



This preview shows how the Yxy color 55.2450, 0.2721, 0.2721 looks on a white background.

Color Contrast Check

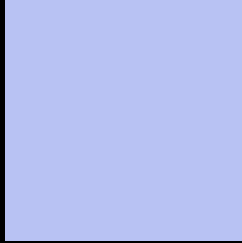
Large Text (above 18pt) WCAG AA × Fail

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 55.2450, 0.2721, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

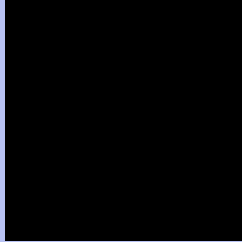
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2450, 0.2721, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 55.2450, 0.2721, 0.2721.



This preview shows how white text looks on a background with the Yxy color 55.2450, 0.2721, 0.2721.

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

55.2450, 0.2721, 0.2721

Protanopia

55.2450, 0.2721, 0.2721

Deuteranopia

55.2467, 0.2767, 0.2705



Tritanopia

55.3369, 0.2867, 0.3093

Trichromacy



Original Color

55.2450, 0.2721, 0.2721

Protanomaly

55.2450, 0.2721, 0.2721

Deuteranomaly

55.3024, 0.2747, 0.2713

Tritanomaly

55.1925, 0.2815, 0.2953

Monochromacy



Original Color

55.2450, 0.2721, 0.2721

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5414, 0.2968, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2450, 0.2721, 0.2721 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(184, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 243)  
}
```

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(184, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 243) }
```

Border

The CSS property to change the border of an element to Yxy 55.2450, 0.2721, 0.2721 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(184, 194, 243) }
```

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

```
.border{ border-color:rgb(184, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2450, 0.2721, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 243) }
```

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

```
.background{ background-color: rgb(184,  
194, 243) }
```

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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