

Converting Colors

Yxy(55.3689, 0.2727, 0.2722)

Have a look what the booklet for
Yxy(55.3689, 0.2727, 0.2722)
contains.

Yxy(55.3689, 0.2727, 0.2722)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.3689, 0.2727, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	B9C2F3
RGB	185, 194, 243
RGB Percent	73%, 76%, 95%
CMY	0.2747, 0.2392, 0.0470
CMYK	0.24, 0.20, 0.00, 0.05
HSL	231°, 71%, 84%
HSV	231°, 24%, 95%
XYZ	55.4706, 55.3689, 92.5731
YIQ	196.8950, -21.0930, 13.3310

Conversions

Conversions Part 2

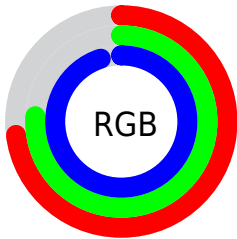
Format	Color
R _Y B	185, 193, 243
Decimal	12174067
CIE Lab	79.25, 7.27, -25.24
CIE LCh	79, 26.265, 286.062
Yxy	55.3689, 0.2727, 0.2722
Android (android.graphics.Color)	4290364147 (0xFFB9C2F3)
YUV	196.8950, 22.7298, -10.4319
Hunter-Lab	74.4103, 2.8483, -21.6749

Details

The Yxy color $55.3689, 0.2727, 0.2722$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.3818, 0.3509, 0.3800$, and the grayscale version is $55.6357, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4685, 0.3048, 0.3241$, and $27.4629, 0.2624, 0.2587$ is the 20% darker color. If you saturate the color by 10%, you get $44.0945, 0.2535, 0.2438$, and if you desaturate by 10%, it is $68.4242, 0.2906, 0.2979$.

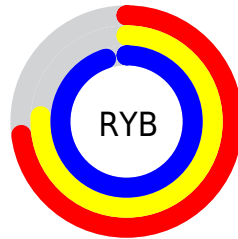
Distribution



Red (73%)

Green (76%)

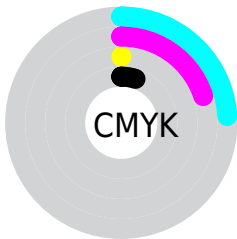
Blue (95%)



Red (73%)

Yellow (76%)

Blue (95%)

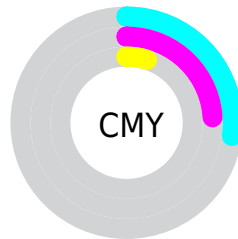


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3689, 0.2727, 0.2722 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 55.3689, 0.2727, 0.2722 by changing the saturation by 10% instead.

■ 55.3689, 0.2727,
0.2722

■ 55.3689, 0.2727,
0.2722

407.3088, 0.2920,
0.2990

■ 39.6972, 0.2681,
0.2660

■ 98.0812, 0.2795,
0.2816

■ 27.3025, 0.2624,
0.2583

125.8906, 0.2822,
0.2852

■ 17.8005, 0.2550,
0.2485

158.5147, 0.2844,
0.2883

■ 10.8069, 0.2451,
0.2356

196.3378, 0.2863,
0.2910

■ 5.9371, 0.2313,
0.2181

239.7444, 0.2880,
0.2934

■ 2.8069, 0.2111,
0.1931

289.1188, 0.2895,

■ 1.0318, 0.1790,

0.2955

0.1551

344.8455, 0.2908,
0.2973

0.0000, 0.0504,
0.0000

0.0000, 0.0000,
0.0000

55.3689, 0.2727,
0.2722

55.3689, 0.2727,
0.2722

44.0945, 0.2535,
0.2438

68.4242, 0.2906,
0.2979

34.5168, 0.2335,
0.2134

83.3265, 0.3068,
0.3208

26.5547, 0.2136,
0.1818

99.2523, 0.3197,
0.3405

20.1176, 0.1947,
0.1508

■ 15.1058, 0.1782,
0.1221

■ 11.4073, 0.1652,
0.0978

■ 8.8921, 0.1565,
0.0794

■ 7.8536, 0.1532,
0.0713

Harmonies

Analogous

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



55.3689, 0.2530, 0.2789



55.3689, 0.2727, 0.2722



55.3689, 0.3038, 0.2793

Triad

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



55.3689, 0.2727, 0.2722



55.3689, 0.3816, 0.3525



55.3689, 0.2850, 0.3634

Complementary

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



55.3689, 0.2727, 0.2722



81.3818, 0.3509, 0.3800

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.



55.3689, 0.3185, 0.3861



55.3689, 0.2727, 0.2722



55.3689, 0.3753, 0.3771

Square

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



55.3689, 0.2727, 0.2722



55.3689, 0.3682, 0.3239



55.3689, 0.3518, 0.3905



55.3689, 0.2597, 0.3305

Rectangle

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



55.3689, 0.2727, 0.2722



55.3689, 0.3275, 0.2905



55.3689, 0.3518, 0.3905



55.3689, 0.2956, 0.3726

Sweetspot

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



55.3711, 0.2727, 0.2722



87.5325, 0.3019, 0.3140



80.3249, 0.2825, 0.3397



18.5160, 0.3010, 0.3126



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.



55.3711, 0.2727, 0.2722



55.0085, 0.2629, 0.2578



54.0321, 0.2858, 0.2640



16.3441, 0.2979, 0.3084



4.4326, 0.1536, 0.0731



0.5108, 0.1590, 0.0923

Inverse Universe

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



57.6327, 0.3549, 0.3193



58.1600, 0.3672, 0.3171



83.4082, 0.3353, 0.3915



16.5247, 0.3269, 0.3253



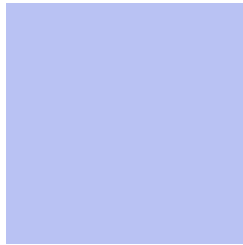
10.5468, 0.6182, 0.3179



0.9392, 0.5876, 0.3010

Previews

White Background



This preview shows how the Yxy color 55.3689, 0.2727, 0.2722 looks on a white background.

Color Contrast Check

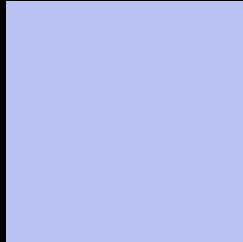
Large Text (above 18pt) WCAG AA × Fail

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 55.3689, 0.2727, 0.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

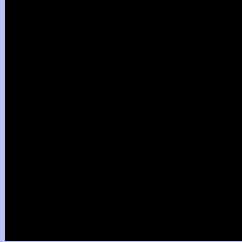
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3689, 0.2727, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 55.3689, 0.2727, 0.2722.



This preview shows how white text looks on a background with the Yxy color 55.3689, 0.2727, 0.2722.

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

55.3689, 0.2727, 0.2722

Protanopia

55.3689, 0.2727, 0.2722

Deuteranopia

55.2467, 0.2767, 0.2705



Tritanopia

55.3369, 0.2867, 0.3093

Trichromacy



Original Color

55.3689, 0.2727, 0.2722

Protanomaly

55.3689, 0.2727, 0.2722

Deuteranomaly

55.4298, 0.2754, 0.2715

Tritanomaly

55.1925, 0.2815, 0.2953

Monochromacy



Original Color

55.3689, 0.2727, 0.2722

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6724, 0.2975, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3689, 0.2727, 0.2722 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(185, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 243) }
```

Border

The CSS property to change the border of an element to Yxy 55.3689, 0.2727, 0.2722 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(185, 194, 243) }
```

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

```
.border{ border-color:rgb(185, 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(185, 194, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3689, 0.2727, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 243) }
```

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

```
.background{ background-color: rgb(185,  
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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