

Converting Colors

$Yxy(55.4491, 0.2967, 0.2887)$

Have a look what the booklet for
Yxy(55.4491, 0.2967, 0.2887)
contains.

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Color

Yxy(55.4491, 0.2967, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFE2
RGB	203, 191, 226
RGB Percent	80%, 75%, 89%
CMY	0.2039, 0.2510, 0.1138
CMYK	0.10, 0.15, 0.00, 0.11
HSL	261°, 38%, 82%
HSV	261°, 15%, 89%
XYZ	56.9856, 55.4491, 79.6301
YIQ	198.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

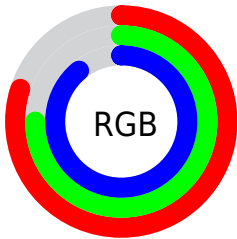
Format	Color
RYB	203, 191, 226
Decimal	13352930
CIELab	79.30, 10.84, -15.88
CIELCh	79, 19.229, 304.310
Yxy	55.4491, 0.2967, 0.2887
Android (android.graphics.Color)	4291543010 (0xFFCBBFE2)
YUV	198.5780, 13.5190, 3.8781
Hunter-Lab	74.4642, 6.2895, -11.2783

Details

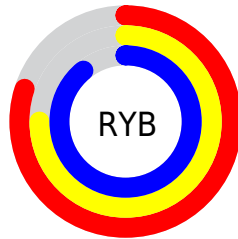
The Yxy color $55.4491, 0.2967, 0.2887$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $72.4306, 0.3271, 0.3684$, and the grayscale version is $56.7614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $27.5068, 0.2923, 0.2788$ is the 20% darker color. If you saturate the color by 10%, you get $44.3590, 0.2843, 0.2596$, and if you desaturate by 10%, it is $68.2639, 0.3075, 0.3154$.

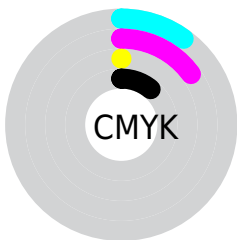
Distribution



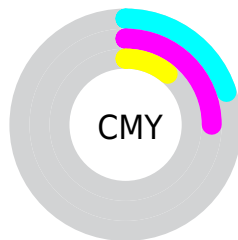
- Red (80%)
- Green (75%)
- Blue (89%)



- Red (80%)
- Yellow (75%)
- Blue (89%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4491, 0.2967, 0.2887 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 55.4491, 0.2967, 0.2887 by changing the saturation by 10% instead.

■ 55.4491, 0.2967,
0.2887

■ 55.4491, 0.2967,
0.2887

407.6121, 0.3046,
0.3078

■ 39.7614, 0.2948,
0.2842

■ 98.1986, 0.2995,
0.2954

■ 27.3526, 0.2923,
0.2787

126.0293, 0.3006,
0.2980

■ 17.8382, 0.2891,
0.2716

158.6764, 0.3015,
0.3002

■ 10.8339, 0.2847,
0.2621

196.5243, 0.3023,
0.3021

■ 5.9552, 0.2784,
0.2491

239.9574, 0.3030,
0.3038

■ 2.8179, 0.2685,
0.2298

289.3601, 0.3036,

■ 1.0374, 0.2512,

0.3053

0.1989

345.1169, 0.3041,
0.3066

0.0000, 0.1567,
0.0000

0.0000, 0.0000,
0.0000

55.4491, 0.2967,
0.2887

55.4491, 0.2967,
0.2887

44.3590, 0.2843,
0.2596

68.2639, 0.3075,
0.3154

34.9114, 0.2704,
0.2286

82.8666, 0.3167,
0.3396

27.0279, 0.2550,
0.1968

96.8795, 0.3249,
0.3576

20.6210, 0.2387,
0.1653

98.2695, 0.3298,
0.3572

■ 15.5940, 0.2222,
0.1360

■ 11.8382, 0.2062,
0.1107

■ 9.2282, 0.1917,
0.0911

■ 7.6104, 0.1795,
0.0780

■ 7.0919, 0.1747,
0.0736

Harmonies

Analogous

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



55.4491, 0.2763, 0.2876



55.4491, 0.2967, 0.2887



55.4491, 0.3222, 0.2995

Triad

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



55.4491, 0.2967, 0.2887



55.4491, 0.3620, 0.3586



55.4491, 0.2800, 0.3400

Complementary

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



55.4491, 0.2967, 0.2887



72.4306, 0.3271, 0.3684

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.



55.4491, 0.3019, 0.3615



55.4491, 0.2967, 0.2887



55.4491, 0.3495, 0.3716

Square

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



55.4491, 0.2967, 0.2887



55.4491, 0.3607, 0.3387



55.4491, 0.3273, 0.3732



55.4491, 0.2669, 0.3161

Rectangle

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



55.4491, 0.2967, 0.2887



55.4491, 0.3387, 0.3109



55.4491, 0.3273, 0.3732



55.4491, 0.2865, 0.3478

Sweetspot

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



55.4514, 0.2967, 0.2887



90.5797, 0.3079, 0.3166



64.8201, 0.2888, 0.3155



19.1147, 0.3072, 0.3148



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.



55.4514, 0.2967, 0.2887



67.3454, 0.2924, 0.2783



57.9915, 0.3099, 0.2903



13.4709, 0.3034, 0.3051



4.1062, 0.1762, 0.0744



0.3330, 0.1934, 0.0839

Inverse Universe

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



58.2815, 0.3236, 0.3036



71.8624, 0.3266, 0.2974



69.9873, 0.3148, 0.3699



13.8515, 0.3190, 0.3137



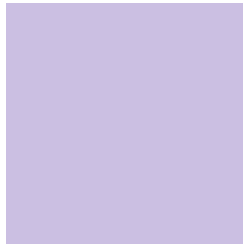
10.4745, 0.4308, 0.2147



0.7427, 0.4095, 0.2030

Previews

White Background



This preview shows how the Yxy color 55.4491, 0.2967, 0.2887 looks on a white background.

Color Contrast Check

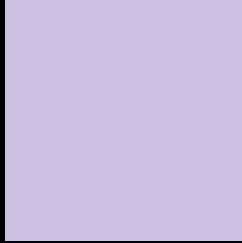
Large Text (above 18pt) WCAG AA × Fail

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 55.4491, 0.2967, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

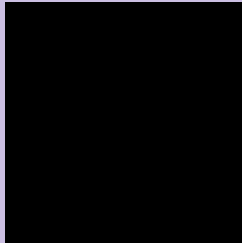
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4491, 0.2967, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 55.4491, 0.2967, 0.2887.



This preview shows how white text looks on a background with the Yxy color 55.4491, 0.2967, 0.2887.

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

55.4491, 0.2967, 0.2887

Protanopia

55.5788, 0.2858, 0.2901

Deuteranopia

55.7468, 0.2959, 0.2898



Tritanopia

55.4664, 0.3064, 0.3112

Trichromacy



Original Color

55.4491, 0.2967, 0.2887

Protanomaly

55.7317, 0.2901, 0.2904

Deuteranomaly

55.7468, 0.2959, 0.2898

Tritanomaly

55.4637, 0.3029, 0.3031

Monochromacy



Original Color

55.4491, 0.2967, 0.2887

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3627, 0.3064, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4491, 0.2967, 0.2887 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(203, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 226)  
}
```

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(203, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 226) }
```

Border

The CSS property to change the border of an element to Yxy 55.4491, 0.2967, 0.2887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

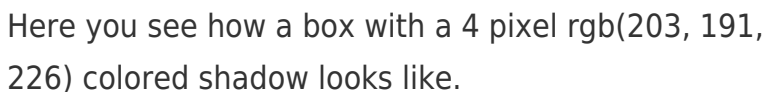
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 191, 226) }
```

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

```
.border{ border-color:rgb(203, 191, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 226);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4491, 0.2967, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 226) }
```

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

```
.background{ background-color: rgb(203,  
191, 226) }
```

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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