

Converting Colors

$Yxy(56.0767, 0.2792, 0.2608)$

Have a look what the booklet for
Yxy(56.0767, 0.2792, 0.2608)
contains.

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Color

Yxy(55.9168, 0.2792, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	CABDFB
RGB	202, 189, 251
RGB Percent	79%, 74%, 98%
CMY	0.2077, 0.2589, 0.0156
CMYK	0.20, 0.25, 0.00, 0.02
HSL	253°, 89%, 86%
HSV	253°, 25%, 98%
XYZ	59.9768, 55.9168, 98.9231
YIQ	199.9550, -12.1540, 22.0380

Conversions

Conversions Part 2

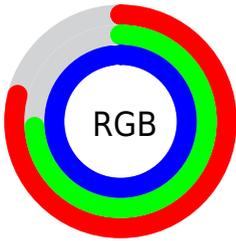
Format	Color
R _Y B	202, 189, 251
Decimal	13286907
CIE Lab	79.57, 16.94, -28.94
CIE LCh	80, 33.529, 300.344
Yxy	55.9168, 0.2792, 0.2603
Android (android.graphics.Color)	4291476987 (0xFFCABDFB)
YUV	199.9550, 25.1652, 1.7935
Hunter-Lab	74.7775, 12.3088, -26.0904

Details

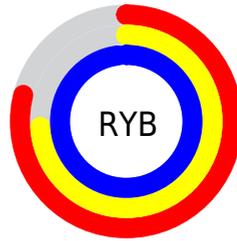
The Yxy color **55.9168, 0.2792, 0.2603** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.8626, 0.3413, 0.3928**, and the grayscale version is **57.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **27.7064, 0.2704, 0.2451** is the 20% darker color. If you saturate the color by 10%, you get **43.4477, 0.2625, 0.2281**, and if you desaturate by 10%, it is **70.6147, 0.2941, 0.2902**.

Distribution



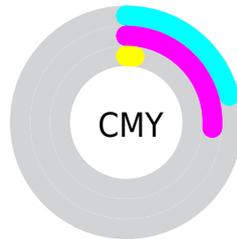
- Red (79%)
- Green (74%)
- Blue (98%)



- Red (79%)
- Yellow (74%)
- Blue (98%)



- Cyan (20%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (26%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9168, 0.2792, 0.2603 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 55.9168, 0.2792, 0.2603 by changing the saturation by 10% instead.

 55.9168, 0.2792,
0.2603

 55.9168, 0.2792,
0.2603

409.3779, 0.2956,
0.2921

 40.1362, 0.2753,
0.2531

 98.8829, 0.2851,
0.2713

 27.6448, 0.2703,
0.2443

126.8372, 0.2873,
0.2756

 18.0581, 0.2639,
0.2332

159.6183, 0.2892,
0.2793

 10.9917, 0.2553,
0.2188

197.6104, 0.2908,
0.2825

 6.0612, 0.2433,
0.1997

241.1981, 0.2923,
0.2853

 2.8824, 0.2254,
0.1732

290.7656, 0.2935,

 1.0706, 0.1970,

0.2878

0.1350

346.6974, 0.2946,
0.2901

0.0000, 0.1348,
0.0000

0.0000, 0.0000,
0.0000

55.9168, 0.2792,
0.2603

55.9168, 0.2792,
0.2603

43.4477, 0.2625,
0.2281

70.6147, 0.2941,
0.2902

33.0910, 0.2444,
0.1945

87.6367, 0.3072,
0.3173

24.7296, 0.2256,
0.1610

99.7470, 0.3150,
0.3328

18.2325, 0.2069,
0.1297

■ 13.4525, 0.1896,
0.1028

■ 10.2195, 0.1749,
0.0824

■ 8.3267, 0.1638,
0.0695

■ 7.7176, 0.1594,
0.0652

Harmonies

Analogous

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



55.9168, 0.2472, 0.2598



55.9168, 0.2792, 0.2603



55.9168, 0.3224, 0.2763

Triad

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



55.9168, 0.2792, 0.2603



55.9168, 0.3997, 0.3735



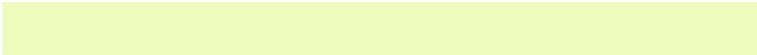
55.9168, 0.2604, 0.3534

Complementary

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



55.9168, 0.2792, 0.2603



90.8626, 0.3413, 0.3928

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.



55.9168, 0.2986, 0.3914



55.9168, 0.2792, 0.2603



55.9168, 0.3797, 0.4001

Square

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



55.9168, 0.2792, 0.2603



55.9168, 0.3948, 0.3388



55.9168, 0.3423, 0.4085



55.9168, 0.2369, 0.3102

Rectangle

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



55.9168, 0.2792, 0.2603



55.9168, 0.3522, 0.2939



55.9168, 0.3423, 0.4085



55.9168, 0.2718, 0.3676

Sweetspot

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



55.9191, 0.2792, 0.2603



86.5588, 0.3044, 0.3113



79.2969, 0.2751, 0.3154



18.2914, 0.3036, 0.3097



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.



55.9191, 0.2792, 0.2603



50.8064, 0.2706, 0.2434



60.5841, 0.3015, 0.2646



16.8188, 0.3012, 0.3047



4.1055, 0.1606, 0.0658



0.4236, 0.1713, 0.0717

Inverse Universe

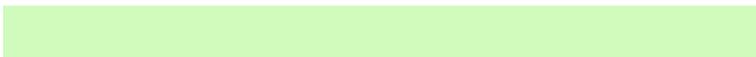
The Inverse Universe completely reimagines the original color for something new.



63.0785, 0.3253, 0.2795



59.5274, 0.3286, 0.2686



86.0396, 0.3211, 0.3970



17.4584, 0.3170, 0.3105



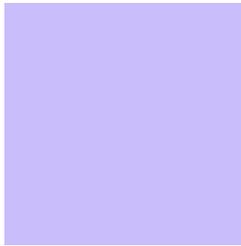
12.9515, 0.3826, 0.1881



1.2146, 0.3737, 0.1832

Previews

White Background



This preview shows how the Yxy color 55.9168, 0.2792, 0.2603 looks on a white background.

Color Contrast Check

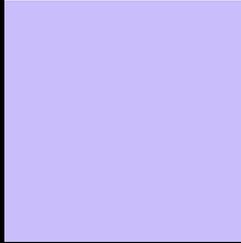
Large Text (above 18pt) WCAG AA × Fail

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 55.9168, 0.2792, 0.2603 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

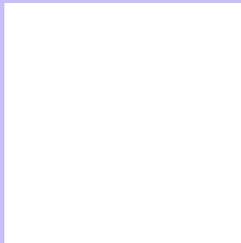
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9168, 0.2792, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 55.9168, 0.2792, 0.2603.



This preview shows how white text looks on a background with the Yxy color 55.9168, 0.2792, 0.2603.

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

55.9168, 0.2792, 0.2603

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

55.8609, 0.2711, 0.2643



Tritanopia

55.8354, 0.3004, 0.3099

Trichromacy



Original Color

55.9168, 0.2792, 0.2603

Protanomaly

56.1145, 0.2688, 0.2603

Deuteranomaly

56.0707, 0.2745, 0.2637

Tritanomaly

55.6367, 0.2929, 0.2906

Monochromacy



Original Color

55.9168, 0.2792, 0.2603

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0118, 0.3001, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9168, 0.2792, 0.2603 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(202, 189, 251)` looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 251)  
}
```

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(202, 189, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 251) }
```

Border

The CSS property to change the border of an element to Yxy 55.9168, 0.2792, 0.2603 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(202, 189, 251) }
```

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

```
.border{ border-color:rgb(202, 189, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 189, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 251);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9168, 0.2792, 0.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 251) }
```

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

```
.background{ background-color: rgb(202,  
189, 251) }
```

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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