

Converting Colors

$Yxy(55.6251, 0.2615, 0.2599)$

Have a look what the booklet for
Yxy(55.6251, 0.2615, 0.2599)
contains.

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Color

Yxy(55.7152, 0.2613, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	B2C3FF
RGB	178, 195, 255
RGB Percent	70%, 76%, 100%
CMY	0.3018, 0.2353, 0.0001
CMYK	0.30, 0.24, 0.00, 0.00
HSL	227°, 100%, 85%
HSV	227°, 30%, 100%
XYZ	55.9292, 55.7152, 102.3978
YIQ	196.7570, -29.3920, 15.0560

Conversions

Conversions Part 2

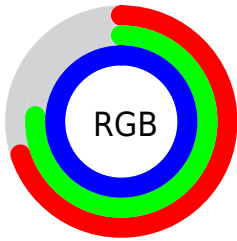
Format	Color
RYB	178, 192, 255
Decimal	11715583
CIELab	79.45, 7.56, -31.38
CIELCh	79, 32.274, 283.549
Yxy	55.7152, 0.2613, 0.2603
Android (android.graphics.Color)	4289905663 (0xFFB2C3FF)
YUV	196.7570, 28.7138, -16.4499
Hunter-Lab	74.6426, 3.1244, -29.0866

Details

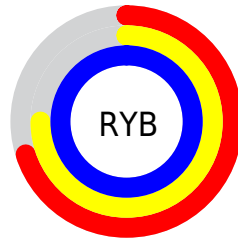
The Yxy color **55.7152, 0.2613, 0.2603** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.6375, 0.3631, 0.3893**, and the grayscale version is **55.5224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8765, 0.3005, 0.3250**, and **27.6342, 0.2482, 0.2447** is the 20% darker color. If you saturate the color by 10%, you get **44.6524, 0.2421, 0.2327**, and if you desaturate by 10%, it is **68.5289, 0.2797, 0.2857**.

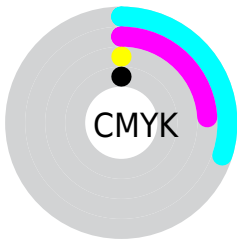
Distribution



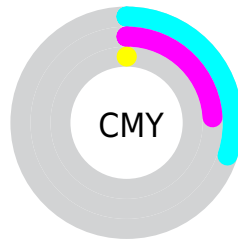
- Red (70%)
- Green (76%)
- Blue (100%)



- Red (70%)
- Yellow (75%)
- Blue (100%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7152, 0.2613, 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 55.7152, 0.2613, 0.2603 by changing the saturation by 10% instead.

■ 55.7152, 0.2613,
0.2603

■ 55.7152, 0.2613,
0.2603

408.6173, 0.2859,
0.2924

■ 39.9746, 0.2555,
0.2529

■ 98.5880, 0.2700,
0.2715

■ 27.5188, 0.2484,
0.2439

126.4891, 0.2733,
0.2758

■ 17.9632, 0.2392,
0.2325

159.2125, 0.2762,
0.2796

■ 10.9236, 0.2271,
0.2176

197.1425, 0.2786,
0.2828

■ 6.0155, 0.2106,
0.1978

240.6636, 0.2808,
0.2857

■ 2.8545, 0.1871,
0.1703

290.1602, 0.2827,

■ 1.0562, 0.1517,

0.2882

0.1307

346.0166, 0.2844,
0.2904

0.0000, 0.0456,
0.0000

0.0000, 0.0000,
0.0000

55.7152, 0.2613,
0.2603

55.7152, 0.2613,
0.2603

44.6524, 0.2421,
0.2327

68.5289, 0.2797,
0.2857

35.2563, 0.2227,
0.2036

83.1597, 0.2968,
0.3085

27.4454, 0.2040,
0.1739

99.6780, 0.3125,
0.3287

21.1284, 0.1870,
0.1451

99.9988, 0.3127,
0.3290

■ 16.2039, 0.1728,
0.1190

■ 12.5566, 0.1623,
0.0970

■ 10.0655, 0.1557,
0.0805

Harmonies

Analogous

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



55.7152, 0.2392, 0.2692



55.7152, 0.2613, 0.2603



55.7152, 0.2980, 0.2677

Triad

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



55.7152, 0.2613, 0.2603



55.7152, 0.3970, 0.3538



55.7152, 0.2816, 0.3747

Complementary

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



55.7152, 0.2613, 0.2603



85.6375, 0.3631, 0.3893

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.



55.7152, 0.3229, 0.4013



55.7152, 0.2613, 0.2603



55.7152, 0.3908, 0.3849

Square

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



55.7152, 0.2613, 0.2603



55.7152, 0.3785, 0.3194



55.7152, 0.3631, 0.4038



55.7152, 0.2501, 0.3339

Rectangle

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



55.7152, 0.2613, 0.2603



55.7152, 0.3268, 0.2805



55.7152, 0.3631, 0.4038



55.7152, 0.2948, 0.3859

Sweetspot

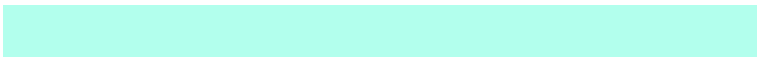
The Sweet Spot groups the original color and five complimentary colors.



55.7174, 0.2613, 0.2603



85.0147, 0.2987, 0.3110



87.0945, 0.2779, 0.3487



17.7093, 0.2963, 0.3079



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.



55.7174, 0.2613, 0.2603



49.0720, 0.2502, 0.2445



51.1581, 0.2734, 0.2436



18.0267, 0.2979, 0.3099



5.4388, 0.1564, 0.0828



0.6827, 0.1619, 0.1027

Inverse Universe

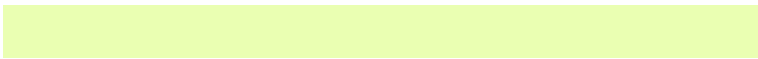
The Inverse Universe completely reimagines the original color for something new.



57.0539, 0.3658, 0.3115



50.9623, 0.3805, 0.3080



92.2956, 0.3446, 0.4083



18.0526, 0.3259, 0.3238



11.2770, 0.6024, 0.3092



1.1135, 0.5718, 0.2924

Previews

White Background



This preview shows how the Yxy color 55.7152, 0.2613, 0.2603 looks on a white background.

Color Contrast Check

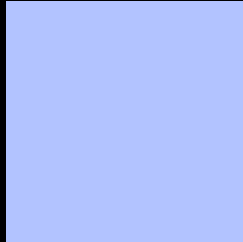
Large Text (above 18pt) WCAG AA × Fail

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 55.7152, 0.2613, 0.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

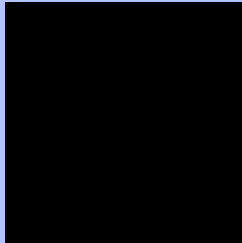
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7152, 0.2613, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 55.7152, 0.2613, 0.2603.



This preview shows how white text looks on a background with the Yxy color 55.7152, 0.2613, 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

55.7152, 0.2613, 0.2603

Protanopia

55.5631, 0.2636, 0.2605

Deuteranopia

55.5503, 0.2649, 0.2587



Tritanopia

55.8491, 0.2787, 0.3091

Trichromacy



Original Color

55.7152, 0.2613, 0.2603

Protanomaly

55.4426, 0.2630, 0.2603

Deuteranomaly

55.7487, 0.2637, 0.2596

Tritanomaly

55.5006, 0.2725, 0.2904

Monochromacy



Original Color

55.7152, 0.2613, 0.2603

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4890, 0.2925, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7152, 0.2613, 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(178, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 195, 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(178, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.7152, 0.2613, 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(178, 195, 255) }
```

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

```
.border{ border-color:rgb(178, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7152, 0.2613, 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(178, 195, 255) }
```

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

```
.background{ background-color: rgb(178,  
195, 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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