

Converting Colors

$Yxy(55.3522, 0.2611, 0.2621)$

Have a look what the booklet for
Yxy(55.3522, 0.2611, 0.2621)
contains.

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Color

Yxy(55.3522, 0.2611, 0.2621)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B0C3FD |
| RGB | 176, 195, 253 |
| RGB Percent | 69%, 76%, 99% |
| CMY | 0.3099, 0.2352, 0.0079 |
| CMYK | 0.30, 0.23, 0.00, 0.01 |
| HSL | 225°, 95%, 84% |
| HSV | 225°, 30%, 99% |
| XYZ | 55.1410, 55.3522, 100.6941 |
| YIQ | 195.9310, -29.9420, 14.0100 |

Conversions

Conversions Part 2

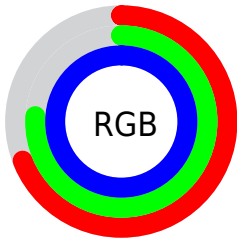
| Format | Color |
|-------------------------------------|---|
| RYB | 176, 191, 253 |
| Decimal | 11584509 |
| CIELab | 79.24, 6.48, -30.64 |
| CIElCh | 79, 31.319, 281.939 |
| Yxy | 55.3522, 0.2611, 0.2621 |
| Android (android.graphics.Color) | 4289774589 (0xFFB0C3FD) |
| YUV | 195.9310, 28.1350, -17.4795 |
| Hunter-Lab | 74.3991, 2.0973, -28.1657 |

Details

The Yxy color **55.3522, 0.2611, 0.2621** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8227, 0.3641, 0.3879**, and the grayscale version is **54.9979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5380, 0.2993, 0.3250**, and **27.3965, 0.2480, 0.2469** is the 20% darker color. If you saturate the color by 10%, you get **44.6791, 0.2422, 0.2355**, and if you desaturate by 10%, it is **67.6672, 0.2793, 0.2866**.

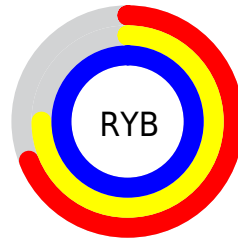
Distribution



Red (69%)

Green (76%)

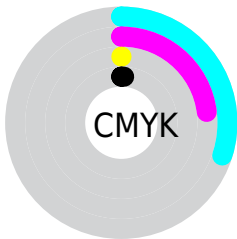
Blue (99%)



Red (69%)

Yellow (75%)

Blue (99%)

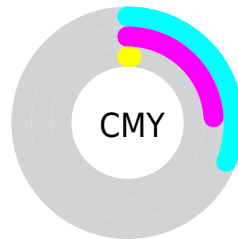


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (31%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3522, 0.2611, 0.2621 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 55.3522, 0.2611, 0.2621 by changing the saturation by 10% instead.

■ 55.3522, 0.2611,
0.2621

■ 55.3522, 0.2611,
0.2621

407.2456, 0.2858,
0.2935

■ 39.6838, 0.2553,
0.2549

■ 98.0568, 0.2698,
0.2730

■ 27.2921, 0.2481,
0.2460

125.8617, 0.2732,
0.2773

■ 17.7927, 0.2389,
0.2347

158.4810, 0.2760,
0.2809

■ 10.8013, 0.2267,
0.2201

196.2990, 0.2785,
0.2841

■ 5.9334, 0.2101,
0.2004

239.7000, 0.2807,
0.2869

■ 2.8046, 0.1863,
0.1729

289.0685, 0.2826,

■ 1.0306, 0.1504,

0.2894

0.1330

344.7889, 0.2843,
0.2915

0.0000, 0.0304,
0.0000

0.0000, 0.0000,
0.0000

55.3522, 0.2611,
0.2621

55.3522, 0.2611,
0.2621

44.6791, 0.2422,
0.2355

67.6672, 0.2793,
0.2866

35.5700, 0.2231,
0.2073

81.6845, 0.2964,
0.3086

27.9502, 0.2047,
0.1784

97.4692, 0.3121,
0.3282

21.7357, 0.1880,
0.1503

99.8710, 0.3139,
0.3309

■ 16.8335, 0.1741,
0.1244

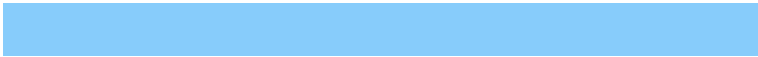
■ 13.1377, 0.1637,
0.1022

■ 10.5989, 0.1571,
0.0855

Harmonies

Analogous

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



55.3522, 0.2404, 0.2718



55.3522, 0.2611, 0.2621



55.3522, 0.2963, 0.2685

Triad

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



55.3522, 0.2611, 0.2621



55.3522, 0.3943, 0.3515



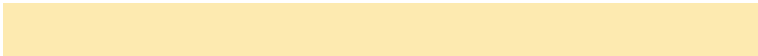
55.3522, 0.2845, 0.3752

Complementary

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



55.3522, 0.2611, 0.2621



82.8227, 0.3641, 0.3879

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.



55.3522, 0.3249, 0.3999



55.3522, 0.2611, 0.2621



55.3522, 0.3896, 0.3821

Square

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



55.3522, 0.2611, 0.2621



55.3522, 0.3751, 0.3180



55.3522, 0.3636, 0.4013



55.3522, 0.2531, 0.3360

Rectangle

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



55.3522, 0.2611, 0.2621



55.3522, 0.3242, 0.2805



55.3522, 0.3636, 0.4013



55.3522, 0.2975, 0.3857

Sweetspot

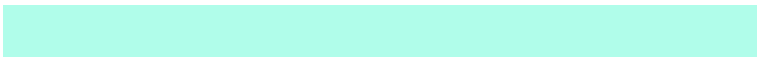
The Sweet Spot groups the original color and five complimentary colors.



55.3544, 0.2611, 0.2621



85.3741, 0.2987, 0.3116



85.3932, 0.2783, 0.3503



17.7972, 0.2963, 0.3086



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.



55.3544, 0.2611, 0.2621



49.0361, 0.2487, 0.2448



49.7597, 0.2720, 0.2426



18.1075, 0.2979, 0.3106



5.8300, 0.1578, 0.0879



0.7311, 0.1635, 0.1087

Inverse Universe

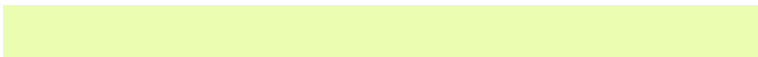
The Inverse Universe completely reimagines the original color for something new.



55.8581, 0.3646, 0.3092



50.0877, 0.3807, 0.3047



90.8223, 0.3457, 0.4088



18.0608, 0.3255, 0.3231



11.3165, 0.5944, 0.3048



1.1183, 0.5630, 0.2875

Previews

White Background



This preview shows how the Yxy color 55.3522, 0.2611, 0.2621 looks on a white background.

Color Contrast Check

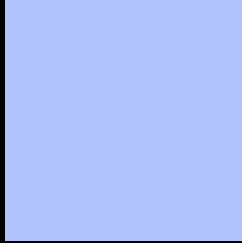
Large Text (above 18pt) WCAG AA × Fail

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 55.3522, 0.2611, 0.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

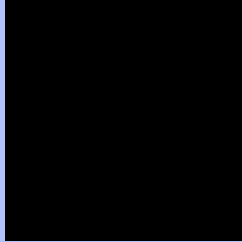
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3522, 0.2611, 0.2621

Background



This preview shows how black text looks on a background with the Yxy color 55.3522, 0.2611, 0.2621.



This preview shows how white text looks on a background with the Yxy color 55.3522, 0.2611, 0.2621.

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

55.3522, 0.2611, 0.2621

Protanopia

55.4356, 0.2648, 0.2625

Deuteranopia

55.4860, 0.2655, 0.2596



Tritanopia

55.1601, 0.2773, 0.3078

Trichromacy



Original Color

55.3522, 0.2611, 0.2621

Protanomaly

55.1956, 0.2635, 0.2622

Deuteranomaly

55.5631, 0.2636, 0.2605

Tritanomaly

55.2743, 0.2711, 0.2902

Monochromacy



Original Color

55.3522, 0.2611, 0.2621

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3084, 0.2925, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3522, 0.2611, 0.2621 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(176, 195, 253)` looks like.

```
.text, #text, p{  
    color:rgb(176, 195, 253)  
}
```

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(176, 195, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 195, 253) }
```

Border

The CSS property to change the border of an element to Yxy 55.3522, 0.2611, 0.2621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

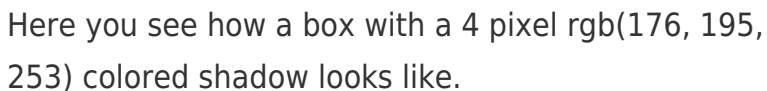
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 195, 253) }
```

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

```
.border{ border-color:rgb(176, 195, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 195, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 195, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 195, 253); box-shadow:4px 4px 4px 4px rgb(176, 195, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3522, 0.2611, 0.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 195, 253) }
```

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

```
.background{ background-color: rgb(176,  
195, 253) }
```

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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