

Converting Colors

Yxy(55.2176, 0.2818, 0.2603)

Have a look what the booklet for
Yxy(55.2176, 0.2818, 0.2603)
contains.

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Color

Yxy(55.2176, 0.2818, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBF9
RGB	204, 187, 249
RGB Percent	80%, 73%, 98%
CMY	0.1999, 0.2667, 0.0235
CMYK	0.18, 0.25, 0.00, 0.02
HSL	256°, 84%, 85%
HSV	256°, 25%, 98%
XYZ	59.7784, 55.2176, 97.1346
YIQ	199.1510, -9.7700, 22.8860

Conversions

Conversions Part 2

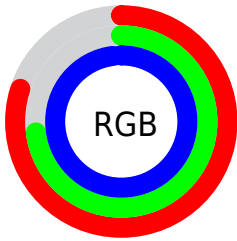
Format	Color
RYB	204, 187, 249
Decimal	13417465
CIELab	79.17, 18.19, -28.45
CIELCh	79, 33.769, 302.591
Yxy	55.2176, 0.2818, 0.2603
Android (android.graphics.Color)	4291607545 (0xFFCCBBF9)
YUV	199.1510, 24.5756, 4.2526
Hunter-Lab	74.3085, 13.5565, -25.4867

Details

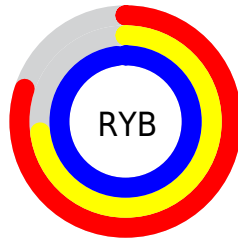
The Yxy color **55.2176, 0.2818, 0.2603** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.4930, 0.3388, 0.3939**, and the grayscale version is **57.0655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **27.2455, 0.2737, 0.2450** is the 20% darker color. If you saturate the color by 10%, you get **43.1494, 0.2664, 0.2286**, and if you desaturate by 10%, it is **69.4179, 0.2955, 0.2899**.

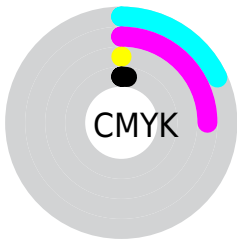
Distribution



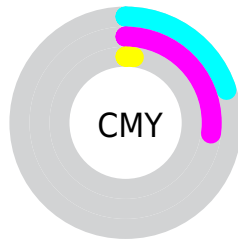
- Red (80%)
- Green (73%)
- Blue (98%)



- Red (80%)
- Yellow (73%)
- Blue (98%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (27%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2176, 0.2818, 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 55.2176, 0.2818, 0.2603 by changing the saturation by 10% instead.

■ 55.2176, 0.2818,
0.2603

■ 55.2176, 0.2818,
0.2603

406.7362, 0.2970,
0.2921

■ 39.5760, 0.2781,
0.2531

■ 97.8597, 0.2873,
0.2713

■ 27.2081, 0.2735,
0.2442

125.6290, 0.2893,
0.2756

■ 17.7296, 0.2674,
0.2331

158.2095, 0.2911,
0.2793

■ 10.7560, 0.2593,
0.2187

195.9859, 0.2926,
0.2825

■ 5.9030, 0.2478,
0.1994

239.3423, 0.2939,
0.2853

■ 2.7862, 0.2307,
0.1728

288.6632, 0.2951,

■ 1.0212, 0.2030,

0.2878

0.1341

344.3331, 0.2961,
0.2901

0.0000, 0.1386,
0.0000

0.0000, 0.0000,
0.0000

55.2176, 0.2818,
0.2603

55.2176, 0.2818,
0.2603

43.1494, 0.2664,
0.2286

69.4179, 0.2955,
0.2899

33.1018, 0.2496,
0.1958

85.8407, 0.3075,
0.3168

24.9635, 0.2319,
0.1631

99.6200, 0.3162,
0.3347

18.6095, 0.2140,
0.1327

■ 13.8992, 0.1972,
0.1064

■ 10.6700, 0.1824,
0.0862

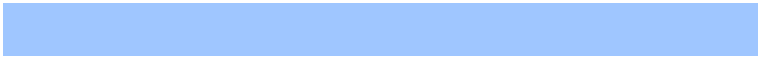
■ 8.7241, 0.1706,
0.0731

■ 8.0845, 0.1657,
0.0687

Harmonies

Analogous

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



55.2176, 0.2484, 0.2585



55.2176, 0.2818, 0.2603



55.2176, 0.3260, 0.2775

Triad

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



55.2176, 0.2818, 0.2603



55.2176, 0.3999, 0.3763



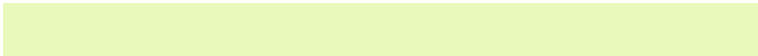
55.2176, 0.2574, 0.3504

Complementary

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



55.2176, 0.2818, 0.2603



88.4930, 0.3388, 0.3939

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.



55.2176, 0.2951, 0.3899



55.2176, 0.2818, 0.2603



55.2176, 0.3781, 0.4023

Square

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



55.2176, 0.2818, 0.2603



55.2176, 0.3970, 0.3416



55.2176, 0.3394, 0.4091



55.2176, 0.2351, 0.3069

Rectangle

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



55.2176, 0.2818, 0.2603



55.2176, 0.3558, 0.2958



55.2176, 0.3394, 0.4091



55.2176, 0.2686, 0.3649

Sweetspot

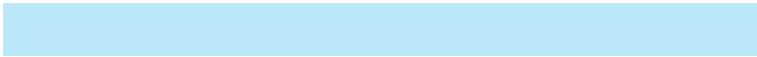
The Sweet Spot groups the original color and five complimentary colors.



55.2199, 0.2818, 0.2603



86.7623, 0.3051, 0.3114



75.3819, 0.2744, 0.3107



18.3384, 0.3044, 0.3098



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.



55.2199, 0.2818, 0.2603



51.4740, 0.2741, 0.2443



59.9610, 0.3045, 0.2647



16.8738, 0.3022, 0.3048



4.3874, 0.1671, 0.0694



0.4566, 0.1791, 0.0760

Inverse Universe

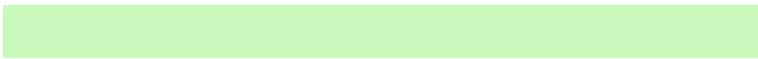
The Inverse Universe completely reimagines the original color for something new.



61.5027, 0.3285, 0.2830



59.2393, 0.3326, 0.2732



83.8248, 0.3185, 0.3981



17.4384, 0.3180, 0.3120



12.5821, 0.4054, 0.2007



1.1832, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 55.2176, 0.2818, 0.2603 looks on a white background.

Color Contrast Check

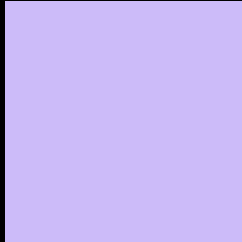
Large Text (above 18pt) WCAG AA × Fail

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 55.2176, 0.2818, 0.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

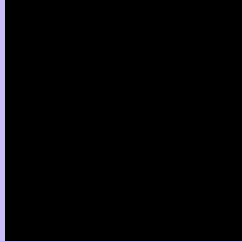
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2176, 0.2818, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 55.2176, 0.2818, 0.2603.

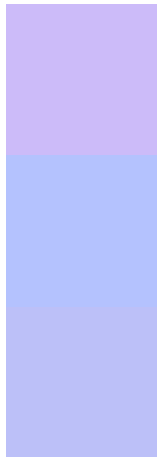


This preview shows how white text looks on a background with the Yxy color 55.2176, 0.2818, 0.2603.

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

55.2176, 0.2818, 0.2603

Protanopia

55.4426, 0.2630, 0.2603

Deuteranopia

55.1680, 0.2716, 0.2650



Tritanopia

55.1070, 0.3034, 0.3099

Trichromacy



Original Color

55.2176, 0.2818, 0.2603

Protanomaly

55.1087, 0.2697, 0.2599

Deuteranomaly

55.0736, 0.2755, 0.2634

Tritanomaly

54.9228, 0.2958, 0.2906

Monochromacy



Original Color

55.2176, 0.2818, 0.2603

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4575, 0.3015, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2176, 0.2818, 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(204, 187, 249)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 249)  
}
```

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(204, 187, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 249) }
```

Border

The CSS property to change the border of an element to Yxy 55.2176, 0.2818, 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(204, 187, 249) }
```

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

```
.border{ border-color:rgb(204, 187, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 187, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 187, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 187, 249); box-shadow:4px 4px 4px 4px rgb(204, 187, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2176, 0.2818, 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(204, 187, 249) }
```

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

```
.background{ background-color: rgb(204,  
187, 249) }
```

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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