

Converting Colors

Yxy(63.5286, 0.2831, 0.2777)

Have a look what the booklet for
Yxy(63.5286, 0.2831, 0.2777)
contains.

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Color

Yxy(63.4162, 0.2836, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	CFCCFB
RGB	207, 204, 251
RGB Percent	81%, 80%, 98%
CMY	0.1883, 0.2000, 0.0155
CMYK	0.18, 0.19, 0.00, 0.02
HSL	244°, 86%, 89%
HSV	244°, 19%, 98%
XYZ	64.7402, 63.4162, 100.1236
YIQ	210.2550, -13.2990, 15.2530

Conversions

Conversions Part 2

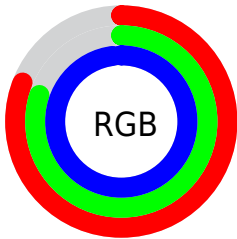
Format	Color
R _Y B	207, 204, 251
Decimal	13618427
CIE _{Lab}	83.66, 10.36, -22.66
CIE _{LCh}	84, 24.911, 294.563
Y _{xy}	63.4162, 0.2836, 0.2778
Android (android.graphics.Color)	4291808507 (0xFFCFCCFB)
YUV	210.2550, 20.0873, -2.8546
Hunter-Lab	79.6343, 5.7550, -18.8009

Details

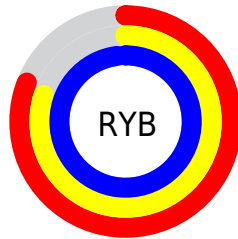
The Yxy color **63.4162, 0.2836, 0.2778** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.3409, 0.3390, 0.3761**, and the grayscale version is **64.4989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3831, 0.2765, 0.2665** is the 20% darker color. If you saturate the color by 10%, you get **49.2942, 0.2652, 0.2459**, and if you desaturate by 10%, it is **79.9707, 0.3000, 0.3066**.

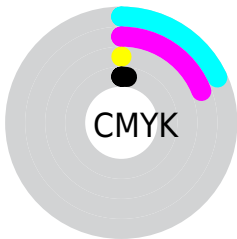
Distribution



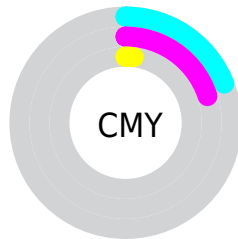
- Red (81%)
- Green (80%)
- Blue (98%)



- Red (81%)
- Yellow (80%)
- Blue (98%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4162, 0.2836, 0.2778 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 63.4162, 0.2836, 0.2778 by changing the saturation by 10% instead.

■ 63.4162, 0.2836,
0.2778

■ 63.4162, 0.2836,
0.2778

437.0784, 0.2975,
0.3014

■ 46.1780, 0.2804,
0.2725

109.7697, 0.2885,
0.2859

■ 32.3863, 0.2763,
0.2659

139.6539, 0.2904,
0.2891

■ 21.6567, 0.2711,
0.2577

174.5221, 0.2920,
0.2919

■ 13.6049, 0.2643,
0.2470

214.7588, 0.2934,
0.2942

■ 7.8464, 0.2549,
0.2327

260.7484, 0.2946,
0.2963

■ 3.9968, 0.2411,
0.2126

312.8752, 0.2957,

■ 1.6718, 0.2194,

0.2982

0.1827

371.5238, 0.2966,
0.2999

0.4053, 0.1820,
0.1156

0.0000, 0.0000,
0.0000

63.4162, 0.2836,
0.2778

63.4162, 0.2836,
0.2778

49.2942, 0.2652,
0.2459

79.9707, 0.3000,
0.3066

37.4826, 0.2452,
0.2116

99.0564, 0.3144,
0.3320

27.8607, 0.2242,
0.1762

99.7473, 0.3150,
0.3328

20.2938, 0.2036,
0.1418

■ 14.6319, 0.1847,
0.1110

■ 10.7050, 0.1691,
0.0864

■ 8.3127, 0.1580,
0.0698

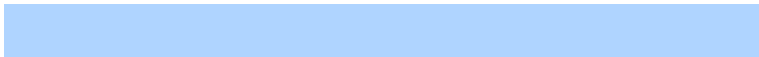
■ 7.1740, 0.1519,
0.0615

■ 7.0772, 0.1514,
0.0608

Harmonies

Analogous

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



63.4162, 0.2621, 0.2804



63.4162, 0.2836, 0.2778



63.4162, 0.3138, 0.2875

Triad

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



63.4162, 0.2836, 0.2778



63.4162, 0.3753, 0.3576



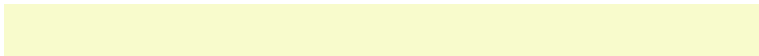
63.4162, 0.2800, 0.3521

Complementary

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



63.4162, 0.2836, 0.2778



93.3409, 0.3390, 0.3761

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.



63.4162, 0.3092, 0.3761



63.4162, 0.2836, 0.2778



63.4162, 0.3648, 0.3776

Square

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



63.4162, 0.2836, 0.2778



63.4162, 0.3681, 0.3319



63.4162, 0.3403, 0.3852



63.4162, 0.2601, 0.3220

Rectangle

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



63.4162, 0.2836, 0.2778



63.4162, 0.3351, 0.2995



63.4162, 0.3403, 0.3852



63.4162, 0.2890, 0.3613

Sweetspot

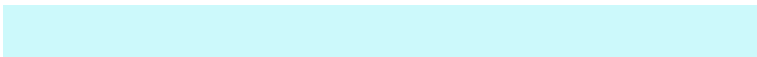
The Sweet Spot groups the original color and five complimentary colors.



63.4188, 0.2836, 0.2778



88.0070, 0.3042, 0.3139



87.3612, 0.2844, 0.3265



18.5701, 0.3032, 0.3122



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.



63.4188, 0.2836, 0.2778



60.6428, 0.2778, 0.2677



66.9559, 0.2996, 0.2801



16.6957, 0.2989, 0.3045



3.7393, 0.1519, 0.0611



0.3642, 0.1565, 0.0636

Inverse Universe

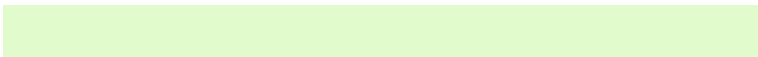
The Inverse Universe completely reimagines the original color for something new.



70.4828, 0.3170, 0.2852



69.0531, 0.3178, 0.2774



89.4109, 0.3238, 0.3784



17.5044, 0.3148, 0.3071



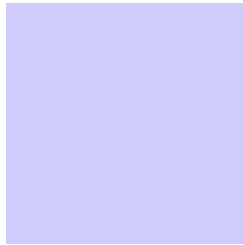
13.9427, 0.3376, 0.1633



1.2969, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 63.4162, 0.2836, 0.2778 looks on a white background.

Color Contrast Check

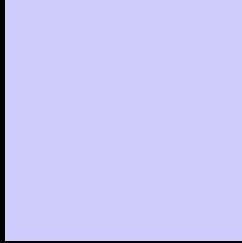
Large Text (above 18pt) WCAG AA × Fail

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 63.4162, 0.2836, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

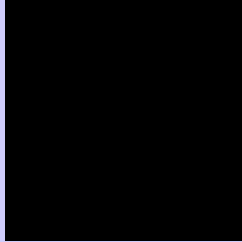
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4162, 0.2836, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 63.4162, 0.2836, 0.2778.

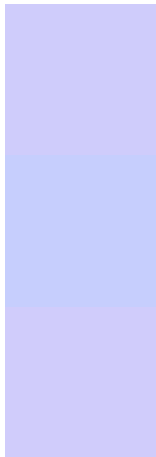


This preview shows how white text looks on a background with the Yxy color 63.4162, 0.2836, 0.2778.

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

63.4162, 0.2836, 0.2778

Protanopia

63.2402, 0.2765, 0.2772

Deuteranopia

63.5607, 0.2843, 0.2779



Tritanopia

63.5937, 0.2968, 0.3107

Trichromacy



Original Color

63.4162, 0.2836, 0.2778

Protanomaly

63.1084, 0.2790, 0.2774

Deuteranomaly

63.5607, 0.2843, 0.2779

Tritanomaly

63.4035, 0.2924, 0.2987

Monochromacy



Original Color

63.4162, 0.2836, 0.2778

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1033, 0.3019, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4162, 0.2836, 0.2778 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(207, 204, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 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(207, 204, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 251) }
```

Border

The CSS property to change the border of an element to Yxy 63.4162, 0.2836, 0.2778 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(207, 204, 251) }
```

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

```
.border{ border-color:rgb(207, 204, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4162, 0.2836, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 251) }
```

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

```
.background{ background-color: rgb(207,  
204, 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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