

Converting Colors

Yxy(53.5481, 0.2830, 0.2788)

Have a look what the booklet for
Yxy(53.5481, 0.2830, 0.2788)
contains.

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Color

Yxy(53.7295, 0.2836, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	BFBEE8
RGB	191, 190, 232
RGB Percent	75%, 75%, 91%
CMY	0.2511, 0.2549, 0.0902
CMYK	0.18, 0.18, 0.00, 0.09
HSL	241°, 48%, 83%
HSV	241°, 18%, 91%
XYZ	54.4592, 53.7295, 83.8395
YIQ	195.0870, -12.8860, 13.2740

Conversions

Conversions Part 2

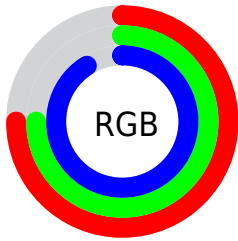
Format	Color
R_{YB}	191, 190, 232
Decimal	12566248
CIE Lab	78.30, 8.80, -20.72
CIE LCh	78, 22.513, 293.022
Yxy	53.7295, 0.2836, 0.2798
Android (android.graphics.Color)	4290756328 (0xFFFBFEE8)
YUV	195.0870, 18.1981, -3.5843
Hunter-Lab	73.3004, 4.3425, -16.5044

Details

The Yxy color **53.7295, 0.2836, 0.2798** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.4225, 0.3392, 0.3741**, and the grayscale version is **54.5223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0880, 0.3087, 0.3203**, and **26.3443, 0.2760, 0.2683** is the 20% darker color. If you saturate the color by 10%, you get **41.7538, 0.2647, 0.2480**, and if you desaturate by 10%, it is **67.7639, 0.3005, 0.3084**.

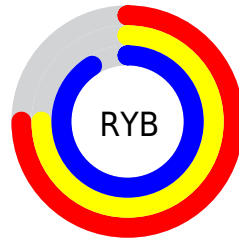
Distribution



Red (75%)

Green (75%)

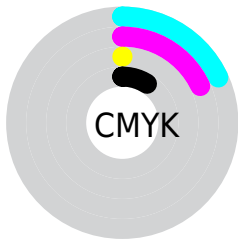
Blue (91%)



Red (75%)

Yellow (75%)

Blue (91%)

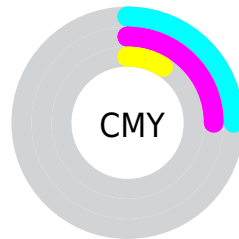


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (25%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7295, 0.2836, 0.2798 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 53.7295, 0.2836, 0.2798 by changing the saturation by 10% instead.

■ 53.7295, 0.2836,
0.2798

■ 53.7295, 0.2836,
0.2798

401.0777, 0.2978,
0.3032

■ 38.3854, 0.2802,
0.2743

■ 95.6770, 0.2887,
0.2880

■ 26.2820, 0.2758,
0.2675

123.0492, 0.2906,
0.2912

■ 17.0347, 0.2701,
0.2588

155.1995, 0.2923,
0.2939

■ 10.2592, 0.2625,
0.2472

192.5124, 0.2937,
0.2962

■ 5.5712, 0.2516,
0.2312

235.3723, 0.2949,
0.2983

■ 2.5861, 0.2350,
0.2078

284.1636, 0.2960,

■ 0.9197, 0.2071,

0.3001

0.1711

339.2705, 0.2970,
0.3017

0.0000, 0.0279,
0.0000

0.0000, 0.0000,
0.0000

53.7295, 0.2836,
0.2798

53.7295, 0.2836,
0.2798

41.7538, 0.2647,
0.2480

67.7639, 0.3005,
0.3084

31.7339, 0.2441,
0.2136

83.9403, 0.3154,
0.3335

23.5679, 0.2228,
0.1780

98.6059, 0.3262,
0.3513

17.1420, 0.2018,
0.1432

■ 12.3301, 0.1828,
0.1120

■ 8.9890, 0.1673,
0.0869

■ 6.9503, 0.1567,
0.0699

■ 5.9840, 0.1512,
0.0614

■ 5.8602, 0.1505,
0.0603

Harmonies

Analogous

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



53.7295, 0.2636, 0.2830



53.7295, 0.2836, 0.2798



53.7295, 0.3122, 0.2885

Triad

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



53.7295, 0.2836, 0.2798



53.7295, 0.3726, 0.3553



53.7295, 0.2828, 0.3525

Complementary

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



53.7295, 0.2836, 0.2798



78.4225, 0.3392, 0.3741

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.



53.7295, 0.3110, 0.3747



53.7295, 0.2836, 0.2798



53.7295, 0.3634, 0.3747

Square

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



53.7295, 0.2836, 0.2798



53.7295, 0.3648, 0.3306



53.7295, 0.3406, 0.3826



53.7295, 0.2631, 0.3238

Rectangle

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



53.7295, 0.2836, 0.2798



53.7295, 0.3326, 0.2998



53.7295, 0.3406, 0.3826



53.7295, 0.2915, 0.3611

Sweetspot

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



53.7317, 0.2836, 0.2798



89.8466, 0.3053, 0.3165



74.0917, 0.2855, 0.3281



18.9372, 0.3042, 0.3146



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.



53.7317, 0.2836, 0.2798



60.3260, 0.2762, 0.2674



56.6114, 0.2991, 0.2820



13.9029, 0.2984, 0.3047



3.2609, 0.1507, 0.0604



0.2466, 0.1528, 0.0615

Inverse Universe

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



59.7587, 0.3155, 0.2852



69.1982, 0.3162, 0.2753



75.1747, 0.3244, 0.3762



14.6092, 0.3141, 0.3064



12.5960, 0.3267, 0.1573



0.9326, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 53.7295, 0.2836, 0.2798 looks on a white background.

Color Contrast Check

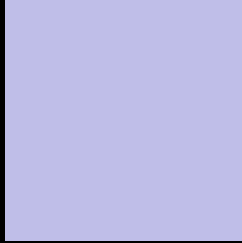
Large Text (above 18pt) WCAG AA × Fail

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 53.7295, 0.2836, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

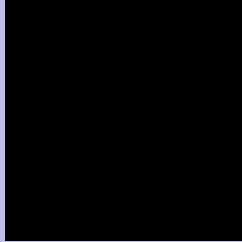
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7295, 0.2836, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 53.7295, 0.2836, 0.2798.



This preview shows how white text looks on a background with the Yxy color 53.7295, 0.2836, 0.2798.

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

53.7295, 0.2836, 0.2798

Protanopia

53.8968, 0.2788, 0.2805

Deuteranopia

53.5588, 0.2850, 0.2788



Tritanopia

53.7518, 0.2964, 0.3106

Trichromacy



Original Color

53.7295, 0.2836, 0.2798

Protanomaly

53.7096, 0.2801, 0.2795

Deuteranomaly

53.4279, 0.2843, 0.2787

Tritanomaly

53.8410, 0.2916, 0.3000

Monochromacy



Original Color

53.7295, 0.2836, 0.2798

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1633, 0.3025, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7295, 0.2836, 0.2798 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(191, 190, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 190, 232)  
}
```

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(191, 190, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 232) }
```

Border

The CSS property to change the border of an element to Yxy 53.7295, 0.2836, 0.2798 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(191, 190, 232) }
```

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

```
.border{ border-color:rgb(191, 190, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 190, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 190, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 190, 232); box-shadow:4px 4px 4px 4px rgb(191, 190, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7295, 0.2836, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 190, 232) }
```

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

```
.background{ background-color: rgb(191,  
190, 232) }
```

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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