

Converting Colors

$Y_{xy}(52.3377, 0.2918, 0.2863)$

Have a look what the booklet for
Yxy(52.3377, 0.2918, 0.2863)
contains.

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Color

Yxy(52.3377, 0.2918, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	C2BBDF
RGB	194, 187, 223
RGB Percent	76%, 73%, 87%
CMY	0.2392, 0.2667, 0.1254
CMYK	0.13, 0.16, 0.00, 0.13
HSL	252°, 36%, 80%
HSV	252°, 16%, 87%
XYZ	53.3431, 52.3377, 77.1264
YIQ	193.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

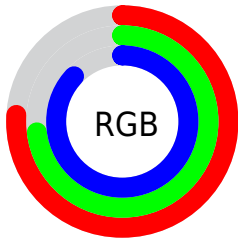
Format	Color
RYB	194, 187, 223
Decimal	12762079
CIELab	77.48, 9.49, -17.11
CIELCh	77, 19.562, 299.016
Yxy	52.3377, 0.2918, 0.2863
Android (android.graphics.Color)	4290952159 (0xFFC2BBDF)
YUV	193.1970, 14.6929, 0.7042
Hunter-Lab	72.3448, 5.0128, -12.5674

Details

The Yxy color $52.3377, 0.2918, 0.2863$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $70.9836, 0.3317, 0.3696$, and the grayscale version is $53.3682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.8304, 0.3107, 0.3174$, and $25.4528, 0.2857, 0.2754$ is the 20% darker color. If you saturate the color by 10%, you get $41.3653, 0.2765, 0.2562$, and if you desaturate by 10%, it is $65.0713, 0.3053, 0.3136$.

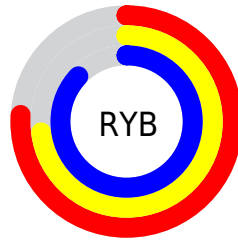
Distribution



Red (76%)

Green (73%)

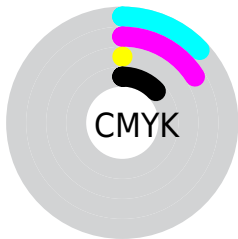
Blue (87%)



Red (76%)

Yellow (73%)

Blue (87%)

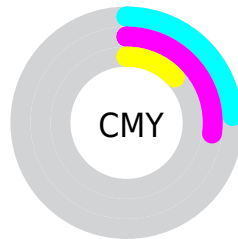


Cyan (13%)

Magenta (16%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (27%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3377, 0.2918, 0.2863 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 52.3377, 0.2918, 0.2863 by changing the saturation by 10% instead.

■ 52.3377, 0.2918,
0.2863

■ 52.3377, 0.2918,
0.2863

■ 395.7389, 0.3021,
0.3067

■ 37.2743, 0.2893,
0.2815

■ 93.6291, 0.2955,
0.2935

■ 25.4200, 0.2860,
0.2754

■ 120.6259, 0.2969,
0.2963

■ 16.3902, 0.2818,
0.2677

■ 152.3693, 0.2981,
0.2986

■ 9.8007, 0.2760,
0.2573

■ 189.2436, 0.2992,
0.3007

■ 5.2670, 0.2676,
0.2427

■ 231.6334, 0.3001,
0.3025

■ 2.4048, 0.2544,
0.2211

■ 279.9229, 0.3008,

■ 0.8283, 0.2313,

0.3041

0.1857

334.4967, 0.3015,
0.3055

0.0000, 0.0000,
0.0000

52.3377, 0.2918,
0.2863

52.3377, 0.2918,
0.2863

41.3653, 0.2765,
0.2562

65.0713, 0.3053,
0.3136

32.0698, 0.2594,
0.2238

79.6326, 0.3170,
0.3380

24.3697, 0.2410,
0.1901

96.0925, 0.3270,
0.3595

18.1739, 0.2220,
0.1568

98.1096, 0.3315,
0.3601

13.3821, 0.2033,
0.1259

■ 9.8816, 0.1863,
0.0997

■ 7.5418, 0.1721,
0.0801

■ 6.2017, 0.1617,
0.0680

■ 5.8521, 0.1586,
0.0647

Harmonies

Analogous

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



52.3377, 0.2722, 0.2871



52.3377, 0.2918, 0.2863



52.3377, 0.3178, 0.2958

Triad

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



52.3377, 0.2918, 0.2863



52.3377, 0.3647, 0.3563



52.3377, 0.2822, 0.3447

Complementary

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



52.3377, 0.2918, 0.2863



70.9836, 0.3317, 0.3696

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.



52.3377, 0.3060, 0.3658



52.3377, 0.2918, 0.2863



52.3377, 0.3540, 0.3715

Square

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



52.3377, 0.2918, 0.2863



52.3377, 0.3608, 0.3351



52.3377, 0.3324, 0.3756



52.3377, 0.2668, 0.3198

Rectangle

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



52.3377, 0.2918, 0.2863



52.3377, 0.3354, 0.3068



52.3377, 0.3324, 0.3756



52.3377, 0.2895, 0.3526

Sweetspot

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



52.3399, 0.2918, 0.2863



90.2374, 0.3067, 0.3165



65.2252, 0.2880, 0.3212



19.0317, 0.3058, 0.3147



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.



52.3399, 0.2918, 0.2863



66.2238, 0.2874, 0.2776



54.8101, 0.3055, 0.2880



13.3711, 0.3011, 0.3050



3.4769, 0.1596, 0.0653



0.2780, 0.1738, 0.0731

Inverse Universe

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



56.1918, 0.3200, 0.2966



72.2953, 0.3215, 0.2905



68.4430, 0.3188, 0.3713



13.8875, 0.3167, 0.3103



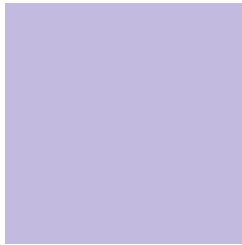
11.1684, 0.3770, 0.1851



0.7860, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 52.3377, 0.2918, 0.2863 looks on a white background.

Color Contrast Check

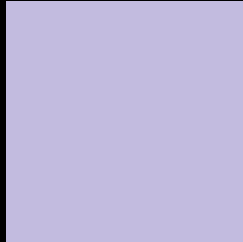
Large Text (above 18pt) WCAG AA × Fail

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 52.3377, 0.2918, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

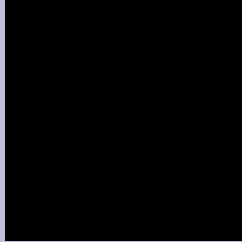
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3377, 0.2918, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 52.3377, 0.2918, 0.2863.



This preview shows how white text looks on a background with the Yxy color 52.3377, 0.2918, 0.2863.

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

52.3377, 0.2918, 0.2863

Protanopia

52.5774, 0.2839, 0.2869

Deuteranopia

52.4705, 0.2926, 0.2864



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.3377, 0.2918, 0.2863

Protanomaly

52.4684, 0.2867, 0.2871

Deuteranomaly

52.4705, 0.2926, 0.2864

Tritanomaly

52.3551, 0.2981, 0.3012

Monochromacy



Original Color

52.3377, 0.2918, 0.2863

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9587, 0.3047, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3377, 0.2918, 0.2863 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(194, 187, 223)` looks like.

```
.text, #text, p{  
    color:rgb(194, 187, 223)  
}
```

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(194, 187, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 187, 223) }
```

Border

The CSS property to change the border of an element to Yxy 52.3377, 0.2918, 0.2863 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(194, 187, 223) }
```

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

```
.border{ border-color:rgb(194, 187, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 187, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 187, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 187, 223);  
box-shadow:4px 4px 4px 4px rgb(194, 187,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3377, 0.2918, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 187, 223) }
```

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

```
.background{ background-color: rgb(194,  
187, 223) }
```

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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