

Converting Colors

Yxy(53.0311, 0.2929, 0.2963)

Have a look what the booklet for
Yxy(53.0311, 0.2929, 0.2963)
contains.

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Color

Yxy(52.8360, 0.2923, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	BEBEDA
RGB	190, 190, 218
RGB Percent	75%, 75%, 85%
CMY	0.2550, 0.2549, 0.1450
CMYK	0.13, 0.13, 0.00, 0.14
HSL	240°, 28%, 80%
HSV	240°, 13%, 86%
XYZ	52.2992, 52.8360, 73.7879
YIQ	193.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

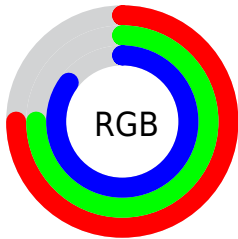
Format	Color
R _{YB}	190, 190, 218
Decimal	12500698
CIE Lab	77.78, 5.51, -13.99
CIE LCh	78, 15.031, 291.487
Yxy	52.8360, 0.2923, 0.2953
Android (android.graphics.Color)	4290690778 (0xFFBEBEDA)
YUV	193.1920, 12.2303, -2.7994
Hunter-Lab	72.6884, 1.2260, -9.3050

Details

The Yxy color **52.8360, 0.2923, 0.2953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.7568, 0.3319, 0.3606**, and the grayscale version is **53.3769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7244, 0.3074, 0.3202**, and **25.7699, 0.2865, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **41.5023, 0.2741, 0.2652**, and if you desaturate by 10%, it is **66.0020, 0.3085, 0.3220**.

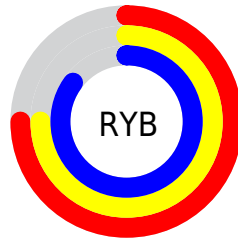
Distribution



Red (75%)

Green (75%)

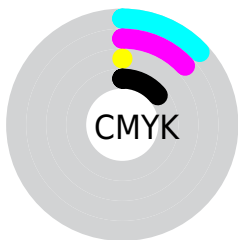
Blue (85%)



Red (75%)

Yellow (75%)

Blue (85%)

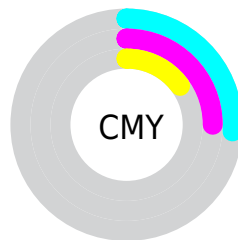


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8360, 0.2923, 0.2953 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 52.8360, 0.2923, 0.2953 by changing the saturation by 10% instead.

■ 52.8360, 0.2923,
0.2953

■ 52.8360, 0.2923,
0.2953

■ 397.6556, 0.3023,
0.3115

■ 37.6719, 0.2899,
0.2914

■ 94.3630, 0.2959,
0.3011

■ 25.7281, 0.2868,
0.2866

■ 121.4947, 0.2973,
0.3033

■ 16.6204, 0.2827,
0.2803

■ 153.3843, 0.2984,
0.3051

■ 9.9642, 0.2772,
0.2718

■ 190.4162, 0.2994,
0.3068

■ 5.3752, 0.2692,
0.2598

■ 232.9750, 0.3003,
0.3082

■ 2.4691, 0.2567,
0.2416

■ 281.4448, 0.3010,

■ 0.8611, 0.2347,

0.3094

0.2110

336.2103, 0.3017,
0.3105

0.0000, 0.0000,
0.0000

52.8360, 0.2923,
0.2953

52.8360, 0.2923,
0.2953

41.5023, 0.2741,
0.2652

66.0020, 0.3085,
0.3220

31.9135, 0.2540,
0.2321

81.0695, 0.3226,
0.3452

23.9851, 0.2327,
0.1969

97.8433, 0.3345,
0.3651

17.6227, 0.2112,
0.1613

12.7226, 0.1909,
0.1278

■ 9.1686, 0.1736,
0.0991

■ 6.8270, 0.1607,
0.0777

■ 5.5366, 0.1529,
0.0649

■ 5.0712, 0.1500,
0.0601

Harmonies

Analogous

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



52.8360, 0.2789, 0.2983



52.8360, 0.2923, 0.2953



52.8360, 0.3115, 0.3008

Triad

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



52.8360, 0.2923, 0.2953



52.8360, 0.3527, 0.3465



52.8360, 0.2935, 0.3456

Complementary

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



52.8360, 0.2923, 0.2953



68.7568, 0.3319, 0.3606

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.



52.8360, 0.3129, 0.3597



52.8360, 0.2923, 0.2953



52.8360, 0.3474, 0.3595

Square

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



52.8360, 0.2923, 0.2953



52.8360, 0.3469, 0.3296



52.8360, 0.3326, 0.3647



52.8360, 0.2796, 0.3269

Rectangle

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



52.8360, 0.2923, 0.2953



52.8360, 0.3252, 0.3084



52.8360, 0.3326, 0.3647



52.8360, 0.2996, 0.3510

Sweetspot

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



52.8382, 0.2923, 0.2953



91.7907, 0.3067, 0.3191



66.1373, 0.2934, 0.3295



19.3271, 0.3055, 0.3171



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.



52.8382, 0.2923, 0.2953



71.4634, 0.2884, 0.2888



54.6458, 0.3027, 0.2963



12.6207, 0.2981, 0.3049



3.0390, 0.1500, 0.0601



0.1981, 0.1501, 0.0605

Inverse Universe

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



55.4394, 0.3360, 0.3290



75.7570, 0.3409, 0.3290



66.7748, 0.3217, 0.3617



13.0519, 0.3291, 0.3290



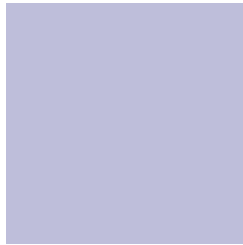
8.9305, 0.6399, 0.3299



0.5787, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 52.8360, 0.2923, 0.2953 looks on a white background.

Color Contrast Check

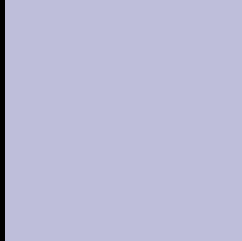
Large Text (above 18pt) WCAG AA × Fail

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 52.8360, 0.2923, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

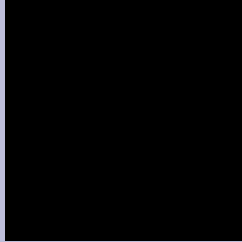
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8360, 0.2923, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 52.8360, 0.2923, 0.2953.



This preview shows how white text looks on a background with the Yxy color 52.8360, 0.2923, 0.2953.

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

52.8360, 0.2923, 0.2953

Protanopia

53.0149, 0.2909, 0.2964

Deuteranopia

52.6609, 0.2977, 0.2912



Tritanopia

52.8956, 0.2986, 0.3106

Trichromacy



Original Color

52.8360, 0.2923, 0.2953

Protanomaly

53.1424, 0.2916, 0.2965

Deuteranomaly

52.6830, 0.2954, 0.2921

Tritanomaly

52.7836, 0.2965, 0.3046

Monochromacy



Original Color

52.8360, 0.2923, 0.2953

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1700, 0.3053, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8360, 0.2923, 0.2953 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(190, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 218)  
}
```

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(190, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 218) }
```

Border

The CSS property to change the border of an element to Yxy 52.8360, 0.2923, 0.2953 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(190, 190, 218) }
```

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

```
.border{ border-color:rgb(190, 190, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8360, 0.2923, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 218) }
```

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

```
.background{ background-color: rgb(190,  
190, 218) }
```

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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