

Converting Colors

Yxy(53.8792, 0.2923, 0.3015)

Have a look what the booklet for
Yxy(53.8792, 0.2923, 0.3015)
contains.

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Color

Yxy(53.7892, 0.2923, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	BCC1D8
RGB	188, 193, 216
RGB Percent	74%, 76%, 85%
CMY	0.2628, 0.2431, 0.1530
CMYK	0.13, 0.11, 0.00, 0.15
HSL	229°, 26%, 79%
HSV	229°, 13%, 85%
XYZ	52.1998, 53.7892, 72.5940
YIQ	194.1270, -10.3630, 6.0930

Conversions

Conversions Part 2

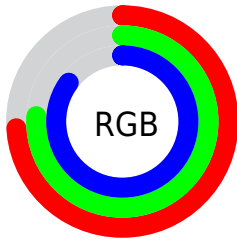
Format	Color
RYB	188, 192, 216
Decimal	12370392
CIELab	78.34, 2.83, -12.07
CIELCh	78, 12.395, 283.197
Yxy	53.7892, 0.2923, 0.3012
Android (android.graphics.Color)	4290560472 (0xFFBCC1D8)
YUV	194.1270, 10.7834, -5.3734
Hunter-Lab	73.3411, -1.3014, -7.3472

Details

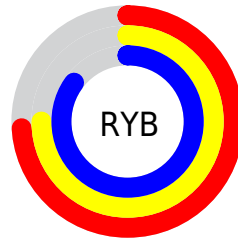
The Yxy color **53.7892, 0.2923, 0.3012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8021, 0.3327, 0.3554**, and the grayscale version is **53.9671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2045, 0.3061, 0.3231**, and **26.4803, 0.2875, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **43.8779, 0.2748, 0.2767**, and if you desaturate by 10%, it is **65.0546, 0.3083, 0.3230**.

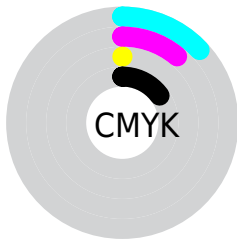
Distribution



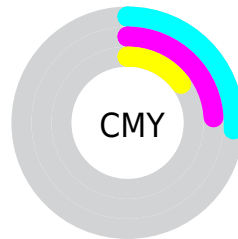
- Red (74%)
- Green (76%)
- Blue (85%)



- Red (74%)
- Yellow (75%)
- Blue (85%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7892, 0.2923, 0.3012 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 53.7892, 0.2923, 0.3012 by changing the saturation by 10% instead.

■ 53.7892, 0.2923,
0.3012

■ 53.7892, 0.2923,
0.3012

401.3057, 0.3023,
0.3146

■ 38.4332, 0.2899,
0.2980

■ 95.7647, 0.2959,
0.3060

■ 26.3190, 0.2868,
0.2939

123.1529, 0.2972,
0.3078

■ 17.0625, 0.2829,
0.2887

155.3206, 0.2984,
0.3094

■ 10.2790, 0.2774,
0.2816

192.6522, 0.2994,
0.3107

■ 5.5844, 0.2697,
0.2715

235.5321, 0.3002,
0.3119

■ 2.5940, 0.2576,
0.2560

284.3448, 0.3010,

■ 0.9237, 0.2365,

0.3129

0.2297

339.4745, 0.3017,
0.3138

0.0000, 0.0000,
0.0000

53.7892, 0.2923,
0.3012

53.7892, 0.2923,
0.3012

43.8779, 0.2748,
0.2767

65.0546, 0.3083,
0.3230

35.2628, 0.2561,
0.2495

77.7159, 0.3227,
0.3422

27.8916, 0.2365,
0.2203

91.8212, 0.3355,
0.3589

21.7059, 0.2169,
0.1898

97.7377, 0.3358,
0.3671

16.6424, 0.1982,
0.1594

■ 12.6317, 0.1815,
0.1307

■ 9.5966, 0.1681,
0.1056

■ 7.4479, 0.1586,
0.0857

■ 6.3931, 0.1542,
0.0752

Harmonies

Analogous

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



53.7892, 0.2830, 0.3058



53.7892, 0.2923, 0.3012



53.7892, 0.3072, 0.3038

Triad

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



53.7892, 0.2923, 0.3012



53.7892, 0.3450, 0.3399



53.7892, 0.3011, 0.3462

Complementary

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



53.7892, 0.2923, 0.3012



64.8021, 0.3327, 0.3554

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.



53.7892, 0.3176, 0.3559



53.7892, 0.2923, 0.3012



53.7892, 0.3432, 0.3517

Square

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



53.7892, 0.2923, 0.3012



53.7892, 0.3379, 0.3257



53.7892, 0.3330, 0.3578



53.7892, 0.2880, 0.3317

Rectangle

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



53.7892, 0.2923, 0.3012



53.7892, 0.3184, 0.3091



53.7892, 0.3330, 0.3578



53.7892, 0.3064, 0.3502

Sweetspot

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



53.7914, 0.2923, 0.3012



92.8922, 0.3066, 0.3208



64.4956, 0.2963, 0.3350



19.6046, 0.3055, 0.3192



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.



53.7914, 0.2923, 0.3012



73.5351, 0.2869, 0.2937



52.7676, 0.2990, 0.2957



12.3655, 0.2982, 0.3093



3.8968, 0.1548, 0.0772



0.3459, 0.1631, 0.1070

Inverse Universe

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



54.4084, 0.3322, 0.3232



74.7027, 0.3379, 0.3217



66.0239, 0.3253, 0.3616



12.4568, 0.3263, 0.3248



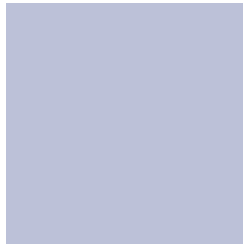
8.7382, 0.6115, 0.3143



0.5382, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 53.7892, 0.2923, 0.3012 looks on a white background.

Color Contrast Check

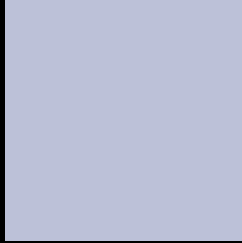
Large Text (above 18pt) WCAG AA × Fail

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 53.7892, 0.2923, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

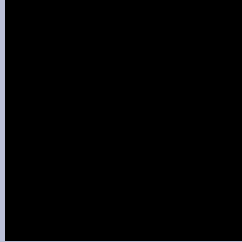
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7892, 0.2923, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 53.7892, 0.2923, 0.3012.



This preview shows how white text looks on a background with the Yxy color 53.7892, 0.2923, 0.3012.

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

53.7892, 0.2923, 0.3012

Protanopia

53.7335, 0.2945, 0.3002

Deuteranopia

53.9615, 0.3023, 0.2962



Tritanopia

53.7518, 0.2964, 0.3106

Trichromacy



Original Color

53.7892, 0.2923, 0.3012

Protanomaly

53.6043, 0.2938, 0.3001

Deuteranomaly

53.7070, 0.2984, 0.2970

Tritanomaly

53.9018, 0.2943, 0.3071

Monochromacy



Original Color

53.7892, 0.2923, 0.3012

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0543, 0.3053, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7892, 0.2923, 0.3012 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(188, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 216)  
}
```

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(188, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 216) }
```

Border

The CSS property to change the border of an element to Yxy 53.7892, 0.2923, 0.3012 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(188, 193, 216) }
```

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

```
.border{ border-color:rgb(188, 193, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7892, 0.2923, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 216) }
```

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

```
.background{ background-color: rgb(188,  
193, 216) }
```

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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