

Converting Colors

Yxy(53.6649, 0.2888, 0.3016)

Have a look what the booklet for
Yxy(53.6649, 0.2888, 0.3016)
contains.

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Color

Yxy(53.7318, 0.2894, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2D8
RGB	184, 194, 216
RGB Percent	72%, 76%, 85%
CMY	0.2783, 0.2392, 0.1530
CMYK	0.15, 0.10, 0.00, 0.15
HSL	221°, 29%, 78%
HSV	221°, 15%, 85%
XYZ	51.4559, 53.7318, 72.6144
YIQ	193.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

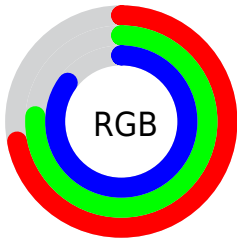
Format	Color
RYB	184, 192, 216
Decimal	12108504
CIELab	78.31, 1.02, -12.14
CIElCh	78, 12.185, 274.803
Yxy	53.7318, 0.2894, 0.3022
Android (android.graphics.Color)	4290298584 (0xFFB8C2D8)
YUV	193.5180, 11.0836, -8.3473
Hunter-Lab	73.3020, -2.9765, -7.4225

Details

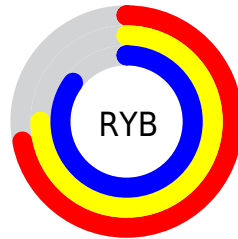
The Yxy color **53.7318, 0.2894, 0.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2057, 0.3364, 0.3544**, and the grayscale version is **53.5912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1165, 0.3036, 0.3241**, and **26.1547, 0.2836, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **44.9806, 0.2723, 0.2814**, and if you desaturate by 10%, it is **63.5559, 0.3054, 0.3208**.

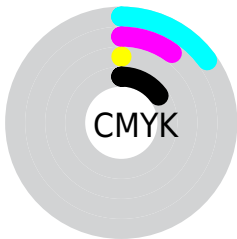
Distribution



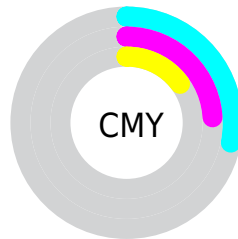
- Red (72%)
- Green (76%)
- Blue (85%)



- Red (72%)
- Yellow (75%)
- Blue (85%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7318, 0.2894, 0.3022 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 53.7318, 0.2894, 0.3022 by changing the saturation by 10% instead.

■ 53.7318, 0.2894,
0.3022

■ 53.7318, 0.2894,
0.3022

401.0865, 0.3007,
0.3152

■ 38.3873, 0.2867,
0.2991

■ 95.6803, 0.2934,
0.3068

■ 26.2834, 0.2832,
0.2951

123.0532, 0.2950,
0.3086

■ 17.0358, 0.2787,
0.2900

155.2042, 0.2963,
0.3101

■ 10.2600, 0.2726,
0.2831

192.5178, 0.2974,
0.3114

■ 5.5717, 0.2638,
0.2732

235.3785, 0.2984,
0.3125

■ 2.5864, 0.2503,
0.2579

284.1705, 0.2993,

■ 0.9199, 0.2268,

0.3135

0.2318

339.2784, 0.3001,
0.3144

0.0000, 0.0000,
0.0000

53.7318, 0.2894,
0.3022

53.7318, 0.2894,
0.3022

44.9806, 0.2723,
0.2814

63.5559, 0.3054,
0.3208

37.2580, 0.2544,
0.2585

74.4819, 0.3203,
0.3373

30.5260, 0.2362,
0.2337

86.5462, 0.3339,
0.3518

24.7418, 0.2183,
0.2077

96.7387, 0.3360,
0.3656

19.8592, 0.2014,
0.1813

97.7371, 0.3358,
0.3671

■ 15.8275, 0.1864,
0.1555

■ 12.5900, 0.1741,
0.1315

■ 10.0814, 0.1650,
0.1105

■ 9.0208, 0.1614,
0.1009

Harmonies

Analogous

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



53.7318, 0.2822, 0.3086



53.7318, 0.2894, 0.3022



53.7318, 0.3028, 0.3028

Triad

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



53.7318, 0.2894, 0.3022



53.7318, 0.3434, 0.3359



53.7318, 0.3057, 0.3493

Complementary

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



53.7318, 0.2894, 0.3022



62.2057, 0.3364, 0.3544

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.



53.7318, 0.3220, 0.3568



53.7318, 0.2894, 0.3022



53.7318, 0.3441, 0.3485

Square

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



53.7318, 0.2894, 0.3022



53.7318, 0.3342, 0.3219



53.7318, 0.3362, 0.3564



53.7318, 0.2915, 0.3359

Rectangle

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



53.7318, 0.2894, 0.3022



53.7318, 0.3137, 0.3069



53.7318, 0.3362, 0.3564



53.7318, 0.3111, 0.3526

Sweetspot

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



53.7340, 0.2894, 0.3022



93.7213, 0.3066, 0.3222



63.7473, 0.2967, 0.3411



19.8138, 0.3054, 0.3208



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.



53.7340, 0.2894, 0.3022



73.7934, 0.2837, 0.2954



50.1803, 0.2935, 0.2902



12.6348, 0.2982, 0.3125



5.5106, 0.1621, 0.1036



0.4786, 0.1719, 0.1386

Inverse Universe

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



52.7828, 0.3319, 0.3174



72.2608, 0.3372, 0.3146



66.2862, 0.3303, 0.3660



12.4840, 0.3243, 0.3217



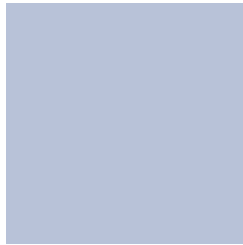
8.9011, 0.5705, 0.2916



0.5516, 0.5209, 0.2643

Previews

White Background



This preview shows how the Yxy color 53.7318, 0.2894, 0.3022 looks on a white background.

Color Contrast Check

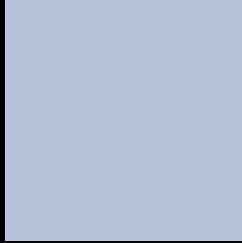
Large Text (above 18pt) WCAG AA × Fail

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 53.7318, 0.2894, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

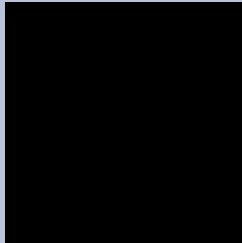
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

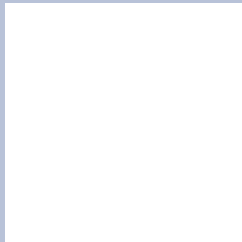
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7318, 0.2894, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 53.7318, 0.2894, 0.3022.



This preview shows how white text looks on a background with the Yxy color 53.7318, 0.2894, 0.3022.

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

53.7318, 0.2894, 0.3022

Protanopia

53.6819, 0.2952, 0.3013

Deuteranopia

53.3937, 0.3015, 0.2949



Tritanopia

53.7506, 0.2928, 0.3105

Trichromacy



Original Color

53.7318, 0.2894, 0.3022

Protanomaly

53.7376, 0.2930, 0.3024

Deuteranomaly

53.4388, 0.2969, 0.2968

Tritanomaly

53.8510, 0.2914, 0.3081

Monochromacy



Original Color

53.7318, 0.2894, 0.3022

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7950, 0.3037, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7318, 0.2894, 0.3022 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(184, 194, 216)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 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(184, 194, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 216) }
```

Border

The CSS property to change the border of an element to Yxy 53.7318, 0.2894, 0.3022 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(184, 194, 216) }
```

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

```
.border{ border-color:rgb(184, 194, 216) }
```

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

Here you see how a box with a 4 pixel rgb(184, 194, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 216);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7318, 0.2894, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 216) }
```

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

```
.background{ background-color: rgb(184,  
194, 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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