

Converting Colors

$Yxy(53.5107, 0.2923, 0.3088)$

Have a look what the booklet for
Yxy(53.5107, 0.2923, 0.3088)
contains.

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Color

Yxy(53.3540, 0.2920, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	B7C2D3
RGB	183, 194, 211
RGB Percent	72%, 76%, 83%
CMY	0.2826, 0.2391, 0.1726
CMYK	0.13, 0.08, 0.00, 0.17
HSL	216°, 24%, 77%
HSV	216°, 13%, 83%
XYZ	50.5659, 53.3540, 69.2511
YIQ	192.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

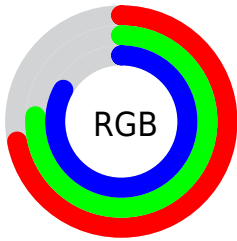
Format	Color
RYP	183, 191, 211
Decimal	12042963
CIELab	78.08, -0.39, -9.78
CIElCh	78, 9.791, 267.729
Yxy	53.3540, 0.2920, 0.3081
Android (android.graphics.Color)	4290233043 (0xFFB7C2D3)
YUV	192.6490, 9.0470, -8.4622
Hunter-Lab	73.0438, -4.2567, -5.0808

Details

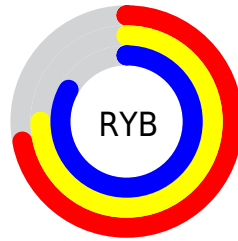
The Yxy color **53.3540, 0.2920, 0.3081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5279, 0.3342, 0.3491**, and the grayscale version is **53.0587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9419, 0.3030, 0.3241**, and **25.9023, 0.2871, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **45.5212, 0.2754, 0.2902**, and if you desaturate by 10%, it is **62.0669, 0.3077, 0.3241**.

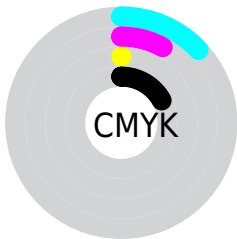
Distribution



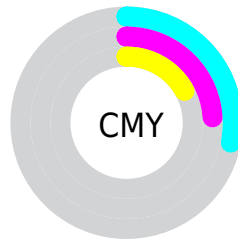
- Red (72%)
- Green (76%)
- Blue (83%)



- Red (72%)
- Yellow (75%)
- Blue (83%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3540, 0.2920, 0.3081 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 53.3540, 0.2920, 0.3081 by changing the saturation by 10% instead.

■ 53.3540, 0.2920,
0.3081

■ 53.3540, 0.2920,
0.3081

399.6418, 0.3021,
0.3183

■ 38.0854, 0.2896,
0.3056

■ 95.1251, 0.2956,
0.3117

■ 26.0490, 0.2865,
0.3025

122.3964, 0.2970,
0.3131

■ 16.8603, 0.2825,
0.2984

154.4374, 0.2981,
0.3143

■ 10.1349, 0.2770,
0.2929

191.6325, 0.2991,
0.3153

■ 5.4885, 0.2691,
0.2849

234.3661, 0.3000,
0.3162

■ 2.5366, 0.2569,
0.2724

283.0226, 0.3008,

■ 0.8949, 0.2353,

0.3170

0.2504

337.9864, 0.3015,
0.3177

0.0000, 0.0000,
0.0000

53.3540, 0.2920,
0.3081

53.3540, 0.2920,
0.3081

45.5212, 0.2754,
0.2902

62.0669, 0.3077,
0.3241

38.5324, 0.2583,
0.2705

71.6812, 0.3225,
0.3383

32.3587, 0.2410,
0.2492

82.2256, 0.3362,
0.3509

26.9668, 0.2240,
0.2265

91.3103, 0.3404,
0.3628

22.3207, 0.2080,
0.2031

97.4824, 0.3388,
0.3721

■ 18.3810, 0.1937,
0.1796

■ 15.1038, 0.1817,
0.1570

■ 12.4384, 0.1725,
0.1361

■ 10.9449, 0.1676,
0.1233

Harmonies

Analogous

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



53.3540, 0.2876, 0.3146



53.3540, 0.2920, 0.3081



53.3540, 0.3019, 0.3072

Triad

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



53.3540, 0.2920, 0.3081



53.3540, 0.3362, 0.3320



53.3540, 0.3102, 0.3472

Complementary

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



53.3540, 0.2920, 0.3081



58.5279, 0.3342, 0.3491

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.



53.3540, 0.3233, 0.3518



53.3540, 0.2920, 0.3081



53.3540, 0.3385, 0.3427

Square

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



53.3540, 0.2920, 0.3081



53.3540, 0.3275, 0.3208



53.3540, 0.3337, 0.3501



53.3540, 0.2980, 0.3373

Rectangle

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



53.3540, 0.2920, 0.3081



53.3540, 0.3104, 0.3097



53.3540, 0.3337, 0.3501



53.3540, 0.3146, 0.3494

Sweetspot

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



53.3562, 0.2920, 0.3081



94.2430, 0.3066, 0.3230



60.8009, 0.2998, 0.3427



19.9456, 0.3054, 0.3218



0.0000, 0.0000, 0.0000



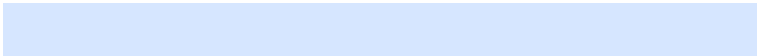
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3562, 0.2920, 0.3081



78.3186, 0.2873, 0.3031



48.9528, 0.2938, 0.2943



12.1731, 0.2982, 0.3146



6.7933, 0.1684, 0.1261



0.5329, 0.1786, 0.1630

Inverse Universe

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



51.5859, 0.3278, 0.3159



75.1857, 0.3316, 0.3129



63.4342, 0.3303, 0.3619



11.8845, 0.3229, 0.3198



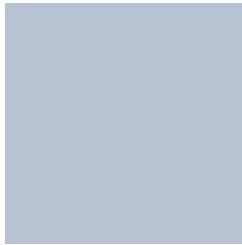
8.7571, 0.5381, 0.2738



0.5051, 0.4893, 0.2469

Previews

White Background



This preview shows how the Yxy color 53.3540, 0.2920, 0.3081 looks on a white background.

Color Contrast Check

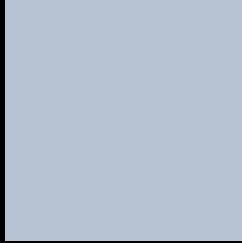
Large Text (above 18pt) WCAG AA × Fail

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 53.3540, 0.2920, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

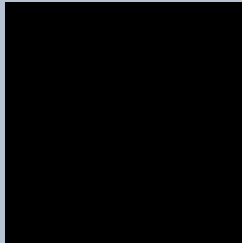
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

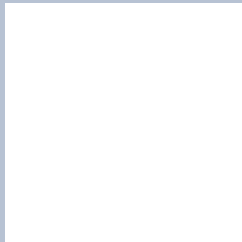
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3540, 0.2920, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 53.3540, 0.2920, 0.3081.

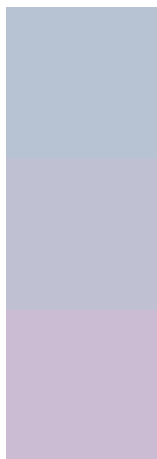


This preview shows how white text looks on a background with the Yxy color 53.3540, 0.2920, 0.3081.

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

53.3540, 0.2920, 0.3081

Protanopia

53.3791, 0.2995, 0.3083

Deuteranopia

53.4164, 0.3068, 0.3007



Tritanopia

53.3040, 0.2927, 0.3093

Trichromacy



Original Color

53.3540, 0.2920, 0.3081

Protanomaly

53.4844, 0.2965, 0.3082

Deuteranomaly

53.3161, 0.3012, 0.3027

Tritanomaly

53.3040, 0.2927, 0.3093

Monochromacy



Original Color

53.3540, 0.2920, 0.3081

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1289, 0.3044, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3540, 0.2920, 0.3081 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(183, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 211)  
}
```

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(183, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.3540, 0.2920, 0.3081 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(183, 194, 211) }
```

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

```
.border{ border-color:rgb(183, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3540, 0.2920, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 211) }
```

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

```
.background{ background-color: rgb(183,  
194, 211) }
```

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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