

Converting Colors

Yxy(53.1194, 0.2920, 0.3094)

Have a look what the booklet for
Yxy(53.1194, 0.2920, 0.3094)
contains.

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Color

Yxy(53.1818, 0.2920, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	B6C2D2
RGB	182, 194, 210
RGB Percent	71%, 76%, 82%
CMY	0.2861, 0.2392, 0.1765
CMYK	0.13, 0.08, 0.00, 0.18
HSL	214°, 24%, 77%
HSV	214°, 13%, 82%
XYZ	50.2234, 53.1818, 68.5928
YIQ	192.2360, -12.2880, 2.4320

Conversions

Conversions Part 2

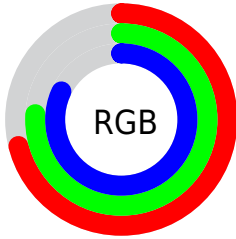
Format	Color
R _Y B	182, 190, 210
Decimal	11977426
CIE Lab	77.98, -0.87, -9.41
CIE LCh	78, 9.451, 264.730
Yxy	53.1818, 0.2920, 0.3092
Android (android.graphics.Color)	4290167506 (0xFFB6C2D2)
YUV	192.2360, 8.7577, -8.9770
Hunter-Lab	72.9259, -4.6888, -4.7191

Details

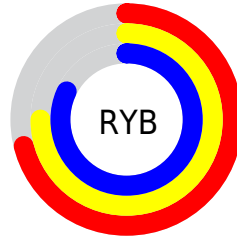
The Yxy color **53.1818, 0.2920, 0.3092** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4942, 0.3344, 0.3480**, and the grayscale version is **52.8153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7684, 0.3024, 0.3241**, and **25.8236, 0.2861, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **45.6775, 0.2756, 0.2923**, and if you desaturate by 10%, it is **61.5072, 0.3077, 0.3244**.

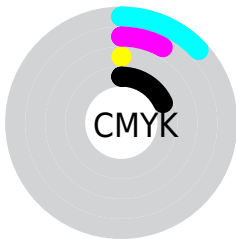
Distribution



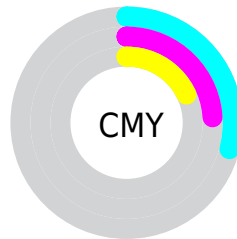
- Red (71%)
- Green (76%)
- Blue (82%)



- Red (71%)
- Yellow (75%)
- Blue (82%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1818, 0.2920, 0.3092 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 53.1818, 0.2920, 0.3092 by changing the saturation by 10% instead.

■ 53.1818, 0.2920,
0.3092

■ 53.1818, 0.2920,
0.3092

■ 398.9822, 0.3021,
0.3189

■ 37.9479, 0.2896,
0.3069

■ 94.8718, 0.2956,
0.3127

■ 25.9423, 0.2865,
0.3039

■ 122.0968, 0.2970,
0.3140

■ 16.7805, 0.2824,
0.3000

■ 154.0875, 0.2981,
0.3151

■ 10.0781, 0.2770,
0.2947

■ 191.2285, 0.2992,
0.3161

■ 5.4508, 0.2691,
0.2870

■ 233.9040, 0.3000,
0.3169

■ 2.5141, 0.2568,
0.2750

■ 282.4986, 0.3008,

■ 0.8837, 0.2351,

0.3176

0.2538

337.3965, 0.3015,
0.3183

0.0000, 0.0000,
0.0000

53.1818, 0.2920,
0.3092

53.1818, 0.2920,
0.3092

45.6775, 0.2756,
0.2923

61.5072, 0.3077,
0.3244

38.9604, 0.2587,
0.2737

70.6728, 0.3225,
0.3378

33.0038, 0.2417,
0.2536

80.7053, 0.3363,
0.3497

27.7769, 0.2252,
0.2322

89.4733, 0.3415,
0.3609

23.2463, 0.2096,
0.2100

96.8723, 0.3395,
0.3722

■ 19.3756, 0.1957,
0.1877

■ 97.4334, 0.3394,
0.3731

■ 16.1238, 0.1841,
0.1660

■ 13.4435, 0.1751,
0.1456

■ 11.9241, 0.1703,
0.1330

Harmonies

Analogous

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



53.1818, 0.2884, 0.3160



53.1818, 0.2920, 0.3092



53.1818, 0.3011, 0.3077

Triad

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



53.1818, 0.2920, 0.3092



53.1818, 0.3348, 0.3308



53.1818, 0.3116, 0.3473

Complementary

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



53.1818, 0.2920, 0.3092



57.4942, 0.3344, 0.3480

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.



53.1818, 0.3241, 0.3512



53.1818, 0.2920, 0.3092



53.1818, 0.3377, 0.3413

Square

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



53.1818, 0.2920, 0.3092



53.1818, 0.3259, 0.3200



53.1818, 0.3337, 0.3489



53.1818, 0.2995, 0.3382

Rectangle

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



53.1818, 0.2920, 0.3092



53.1818, 0.3092, 0.3098



53.1818, 0.3337, 0.3489



53.1818, 0.3159, 0.3492

Sweetspot

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



53.1840, 0.2920, 0.3092



94.4464, 0.3066, 0.3233



60.1176, 0.3004, 0.3438



19.9970, 0.3054, 0.3222



0.0000, 0.0000, 0.0000



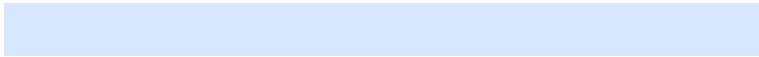
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1840, 0.2920, 0.3092



79.0555, 0.2874, 0.3045



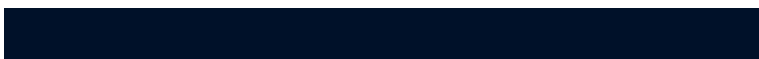
48.3054, 0.2931, 0.2942



12.2366, 0.2982, 0.3153



7.4639, 0.1710, 0.1357



0.5733, 0.1811, 0.1719

Inverse Universe

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



51.0702, 0.3270, 0.3148



75.2600, 0.3306, 0.3116



62.9047, 0.3310, 0.3619



11.8909, 0.3224, 0.3191



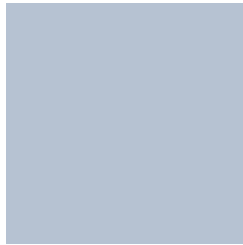
8.8248, 0.5249, 0.2665



0.5092, 0.4784, 0.2409

Previews

White Background



This preview shows how the Yxy color 53.1818, 0.2920, 0.3092 looks on a white background.

Color Contrast Check

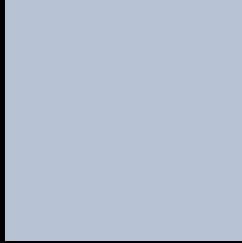
Large Text (above 18pt) WCAG AA × Fail

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 53.1818, 0.2920, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

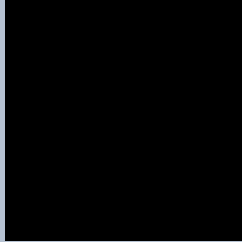
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

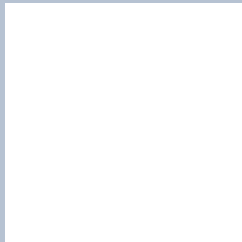
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1818, 0.2920, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 53.1818, 0.2920, 0.3092.



This preview shows how white text looks on a background with the Yxy color 53.1818, 0.2920, 0.3092.

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

53.1818, 0.2920, 0.3092

Protanopia

52.8920, 0.3002, 0.3083

Deuteranopia

52.9403, 0.3076, 0.3006



Tritanopia

53.1321, 0.2927, 0.3104

Trichromacy



Original Color

53.1818, 0.2920, 0.3092

Protanomaly

52.9941, 0.2972, 0.3082

Deuteranomaly

53.1322, 0.3012, 0.3038

Tritanomaly

53.1321, 0.2927, 0.3104

Monochromacy



Original Color

53.1818, 0.2920, 0.3092

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9548, 0.3043, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1818, 0.2920, 0.3092 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(182, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 210)  
}
```

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(182, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 210) }
```

Border

The CSS property to change the border of an element to Yxy 53.1818, 0.2920, 0.3092 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(182, 194, 210) }
```

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

```
.border{ border-color:rgb(182, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1818, 0.2920, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 210) }
```

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

```
.background{ background-color: rgb(182,  
194, 210) }
```

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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