

Converting Colors

$Y_{xy}(52.3294, 0.2974, 0.3230)$

Have a look what the booklet for
Yxy(52.3294, 0.2974, 0.3230)
contains.

Yxy(52.2908, 0.2974, 0.3226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.2908, 0.2974, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2C7
RGB	179, 194, 199
RGB Percent	70%, 76%, 78%
CMY	0.2977, 0.2393, 0.2195
CMYK	0.10, 0.03, 0.00, 0.22
HSL	195°, 15%, 74%
HSV	195°, 10%, 78%
XYZ	48.2061, 52.2908, 61.5949
YIQ	190.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

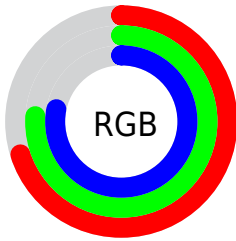
Format	Color
R _Y B	179, 188, 199
Decimal	11780807
CIE Lab	77.45, -4.08, -4.28
CIE LCh	77, 5.913, 226.377
Yxy	52.2908, 0.2974, 0.3226
Android (android.graphics.Color)	4289970887 (0xFFB3C2C7)
YUV	190.0850, 4.3951, -9.7215
Hunter-Lab	72.3124, -7.5520, 0.1161

Details

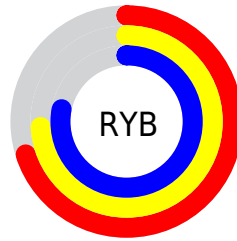
The Yxy color **52.2908, 0.2974, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7319, 0.3295, 0.3353**, and the grayscale version is **51.5313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2534, 0.3005, 0.3240**, and **25.2361, 0.2932, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **47.8892, 0.2823, 0.3156**, and if you desaturate by 10%, it is **57.1148, 0.3127, 0.3290**.

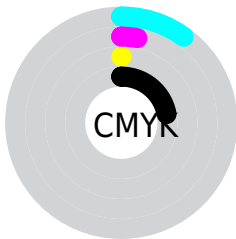
Distribution



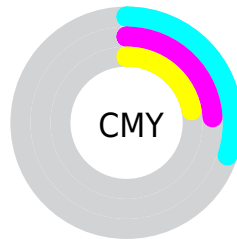
- Red (70%)
- Green (76%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2908, 0.2974, 0.3226 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 52.2908, 0.2974, 0.3226 by changing the saturation by 10% instead.

■ 52.2908, 0.2974,
0.3226

■ 52.2908, 0.2974,
0.3226

395.5582, 0.3049,
0.3258

■ 37.2369, 0.2956,
0.3218

■ 93.5600, 0.3001,
0.3238

■ 25.3910, 0.2933,
0.3208

120.5440, 0.3011,
0.3242

■ 16.3686, 0.2903,
0.3195

152.2736, 0.3020,
0.3246

■ 9.7854, 0.2861,
0.3176

189.1331, 0.3027,
0.3249

■ 5.2569, 0.2801,
0.3149

231.5070, 0.3034,
0.3251

■ 2.3988, 0.2707,
0.3104

279.7795, 0.3039,

■ 0.8252, 0.2511,

0.3254

0.3026

334.3351, 0.3044,
0.3256

0.0000, 0.0000,
0.0000

52.2908, 0.2974,
0.3226

52.2908, 0.2974,
0.3226

47.8892, 0.2823,
0.3156

57.1148, 0.3127,
0.3290

43.8880, 0.2675,
0.3079

62.3691, 0.3279,
0.3347

40.2731, 0.2536,
0.2997

68.0695, 0.3428,
0.3399

37.0269, 0.2407,
0.2910

73.5228, 0.3544,
0.3445

34.1300, 0.2292,
0.2820

76.1083, 0.3533,
0.3496

■ 31.5610, 0.2194,
0.2727

■ 78.7729, 0.3522,
0.3546

■ 29.2956, 0.2115,
0.2632

■ 81.5175, 0.3512,
0.3596

■ 27.3054, 0.2056,
0.2538

■ 84.3427, 0.3501,
0.3644

■ 25.5391, 0.2013,
0.2446

■ 87.2491, 0.3491,
0.3693

Harmonies

Analogous

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



52.2908, 0.3002, 0.3296



52.2908, 0.2974, 0.3226



52.2908, 0.2986, 0.3174

Triad

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



52.2908, 0.2974, 0.3226



52.2908, 0.3190, 0.3216



52.2908, 0.3219, 0.3429

Complementary

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



52.2908, 0.2974, 0.3226



49.7319, 0.3295, 0.3353

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.



52.2908, 0.3270, 0.3405



52.2908, 0.2974, 0.3226



52.2908, 0.3253, 0.3282

Square

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



52.2908, 0.2974, 0.3226



52.2908, 0.3110, 0.3170



52.2908, 0.3283, 0.3351



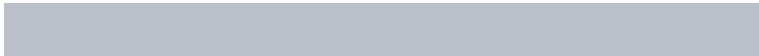
52.2908, 0.3143, 0.3414

Rectangle

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



52.2908, 0.2974, 0.3226



52.2908, 0.3015, 0.3157



52.2908, 0.3283, 0.3351



52.2908, 0.3239, 0.3425

Sweetspot

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



52.2930, 0.2974, 0.3226



97.3511, 0.3081, 0.3271



53.9115, 0.3079, 0.3481



20.6881, 0.3068, 0.3266



0.0000, 0.0000, 0.0000



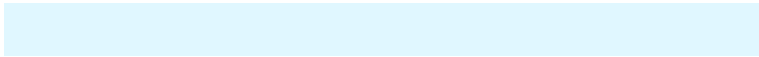
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2930, 0.2974, 0.3226



89.8185, 0.2941, 0.3211



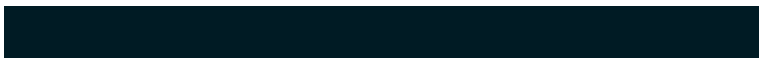
48.0257, 0.2973, 0.3099



11.5963, 0.2984, 0.3230



16.5649, 0.2016, 0.2459



0.8949, 0.2070, 0.2652

Inverse Universe

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



48.3114, 0.3179, 0.3107



81.5187, 0.3191, 0.3067



54.0007, 0.3281, 0.3474



10.7691, 0.3175, 0.3119



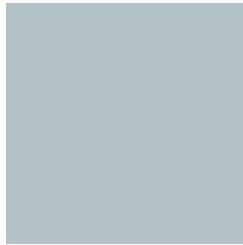
9.2122, 0.3964, 0.1957



0.4474, 0.3774, 0.1853

Previews

White Background



This preview shows how the Yxy color 52.2908, 0.2974, 0.3226 looks on a white background.

Color Contrast Check

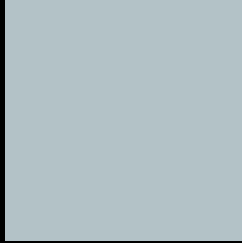
Large Text (above 18pt) WCAG AA × Fail

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 52.2908, 0.2974, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

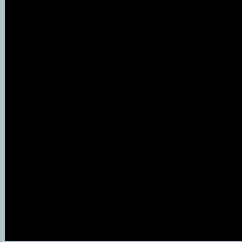
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

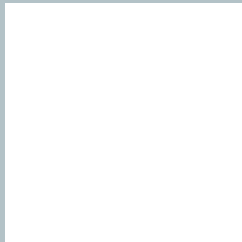
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2908, 0.2974, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 52.2908, 0.2974, 0.3226.



This preview shows how white text looks on a background with the Yxy color 52.2908, 0.2974, 0.3226.

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

52.2908, 0.2974, 0.3226

Protanopia

52.1956, 0.3099, 0.3204

Deuteranopia

51.8941, 0.3169, 0.3099



Tritanopia

52.5178, 0.2926, 0.3103

Trichromacy



Original Color

52.2908, 0.2974, 0.3226

Protanomaly

52.0302, 0.3051, 0.3203

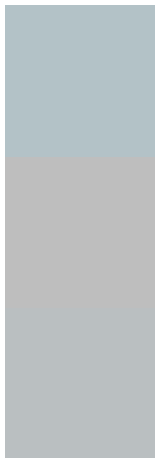
Deuteranomaly

51.8723, 0.3101, 0.3144

Tritanomaly

52.2510, 0.2939, 0.3140

Monochromacy



Original Color

52.2908, 0.2974, 0.3226

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5510, 0.3072, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2908, 0.2974, 0.3226 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(179, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 199)  
}
```

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(179, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.2908, 0.2974, 0.3226 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(179, 194, 199) }
```

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

```
.border{ border-color:rgb(179, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2908, 0.2974, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 199) }
```

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

```
.background{ background-color: rgb(179,  
194, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor