

Converting Colors

Yxy(53.0571, 0.3128, 0.3526)

Have a look what the booklet for
Yxy(53.0571, 0.3128, 0.3526)
contains.

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Color

Yxy(52.8905, 0.3124, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	B4C5B3
RGB	180, 197, 179
RGB Percent	71%, 77%, 70%
CMY	0.2941, 0.2274, 0.2979
CMYK	0.09, 0.00, 0.09, 0.23
HSL	117°, 13%, 74%
HSV	117°, 9%, 77%
XYZ	46.9270, 52.8905, 50.3969
YIQ	189.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

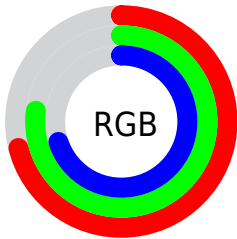
Format	Color
RYB	179, 197, 196
Decimal	11847091
CIELab	77.81, -9.17, 7.03
CIELCh	78, 11.559, 142.514
Yxy	52.8905, 0.3124, 0.3521
Android (android.graphics.Color)	4290037171 (0xFFB4C5B3)
YUV	189.8650, -5.3564, -8.6516
Hunter-Lab	72.7259, -12.0916, 9.8218

Details

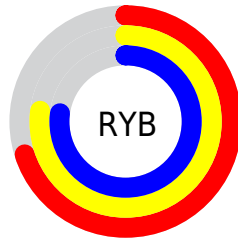
The Yxy color **52.8905, 0.3124, 0.3521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0223, 0.3129, 0.3068**, and the grayscale version is **51.4460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7146, 0.3124, 0.3480**, and **25.6633, 0.3124, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **50.0633, 0.3119, 0.3806**, and if you desaturate by 10%, it is **56.1368, 0.3127, 0.3269**.

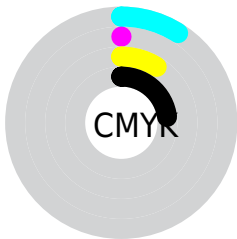
Distribution



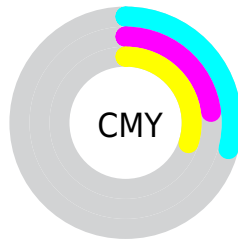
- Red (71%)
- Green (77%)
- Blue (70%)



- Red (70%)
- Yellow (77%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)




- Cyan (29%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8905, 0.3124, 0.3521 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 52.8905, 0.3124, 0.3521 by changing the saturation by 10% instead.


 52.8905, 0.3124,
0.3521

 52.8905, 0.3124,
0.3521


397.8649, 0.3126,
0.3406

 37.7154, 0.3123,
0.3549


 94.4432, 0.3125,
0.3479

 25.7618, 0.3122,
0.3586


121.5896, 0.3125,
0.3464

 16.6456, 0.3120,
0.3634


153.4952, 0.3126,
0.3451

 9.9821, 0.3117,
0.3702

190.5443, 0.3126,
0.3439

 5.3871, 0.3112,
0.3801

233.1215, 0.3126,
0.3429

 2.4761, 0.3101,
0.3965


281.6110, 0.3126,

 0.8646, 0.3127,


0.3421

0.4522

336.3974, 0.3126,
0.3413

 0.0000, 0.0000,
0.0000


 52.8905, 0.3124,
0.3521


 52.8905, 0.3124,
0.3521


 50.0633, 0.3119,
0.3806


 56.1368, 0.3127,
0.3269

 47.6317, 0.3111,
0.4122


 59.8113, 0.3129,
0.3050


 45.5801, 0.3102,
0.4463

 63.9310, 0.3130,
0.2860

 43.8894, 0.3089,
0.4815

 68.3267, 0.3150,
0.2722

 42.5385, 0.3074,
0.5159

 68.4138, 0.3154,
0.2722

■ 41.5046, 0.3057,
0.5469

■ 40.7616, 0.3040,
0.5720

■ 40.2796, 0.3023,
0.5892

■ 40.0178, 0.3011,
0.5985

Harmonies

Analogous

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



52.8905, 0.3276, 0.3563



52.8905, 0.3124, 0.3521



52.8905, 0.2975, 0.3412

Triad

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



52.8905, 0.3124, 0.3521



52.8905, 0.2868, 0.3052



52.8905, 0.3392, 0.3301

Complementary

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



52.8905, 0.3124, 0.3521



48.0223, 0.3129, 0.3068

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.



52.8905, 0.3278, 0.3171



52.8905, 0.3124, 0.3521



52.8905, 0.2975, 0.3029

Square

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



52.8905, 0.3124, 0.3521



52.8905, 0.2830, 0.3138



52.8905, 0.3124, 0.3073



52.8905, 0.3434, 0.3431

Rectangle

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



52.8905, 0.3124, 0.3521



52.8905, 0.2897, 0.3319



52.8905, 0.3124, 0.3073



52.8905, 0.3361, 0.3256

Sweetspot

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



52.8928, 0.3124, 0.3521



98.1703, 0.3126, 0.3364



54.5182, 0.3263, 0.3497



20.9104, 0.3126, 0.3384



0.0000, 0.0000, 0.0000



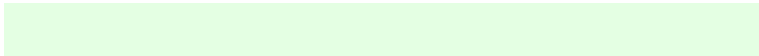
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8928, 0.3124, 0.3521



93.6336, 0.3123, 0.3577



53.1008, 0.3060, 0.3420



11.9148, 0.3124, 0.3528



26.3224, 0.3013, 0.5989



1.2561, 0.3061, 0.5952

Inverse Universe

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



48.0223, 0.3129, 0.3068



83.1044, 0.3130, 0.3018



47.8052, 0.3200, 0.3164



10.7863, 0.3129, 0.3062



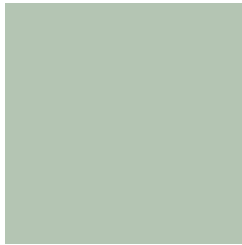
9.5587, 0.3075, 0.1468



0.4617, 0.3105, 0.1484

Previews

White Background



This preview shows how the Yxy color 52.8905, 0.3124, 0.3521 looks on a white background.

Color Contrast Check

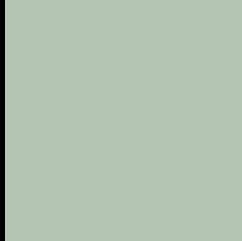
Large Text (above 18pt) WCAG AA × Fail

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 52.8905, 0.3124, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

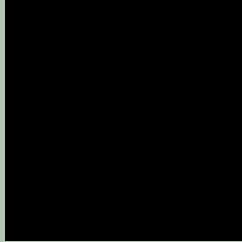
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

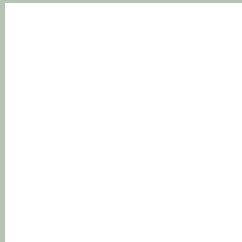
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8905, 0.3124, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 52.8905, 0.3124, 0.3521.



This preview shows how white text looks on a background with the Yxy color 52.8905, 0.3124, 0.3521.

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

52.8905, 0.3124, 0.3521

Protanopia

52.5383, 0.3310, 0.3476

Deuteranopia

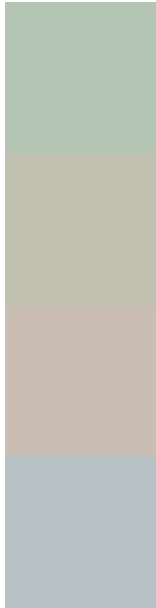
52.4812, 0.3417, 0.3338



Tritanopia

53.0083, 0.2956, 0.3105

Trichromacy



Original Color

52.8905, 0.3124, 0.3521

Protanomaly

52.5207, 0.3240, 0.3491

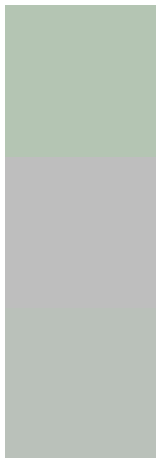
Deuteranomaly

52.2470, 0.3306, 0.3401

Tritanomaly

52.6821, 0.3019, 0.3252

Monochromacy



Original Color

52.8905, 0.3124, 0.3521

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1242, 0.3123, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8905, 0.3124, 0.3521 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(180, 197, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 179)  
}
```

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(180, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 179) }
```

Border

The CSS property to change the border of an element to Yxy 52.8905, 0.3124, 0.3521 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(180, 197, 179) }
```

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

```
.border{ border-color:rgb(180, 197, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8905, 0.3124, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 179) }
```

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

```
.background{ background-color: rgb(180,  
197, 179) }
```

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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