

Converting Colors

Yxy(53.0087, 0.3129, 0.3371)

Have a look what the booklet for
Yxy(53.0087, 0.3129, 0.3371)
contains.

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Color

Yxy(52.9058, 0.3124, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2BC
RGB	188, 194, 188
RGB Percent	74%, 76%, 74%
CMY	0.2626, 0.2393, 0.2627
CMYK	0.03, 0.00, 0.03, 0.24
HSL	120°, 5%, 75%
HSV	120°, 3%, 76%
XYZ	49.1167, 52.9058, 55.2013
YIQ	191.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

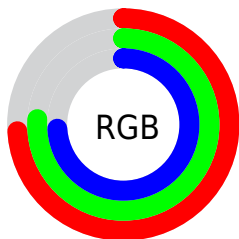
Format	Color
R _Y B	188, 194, 194
Decimal	12370620
CIE Lab	77.82, -3.16, 2.28
CIE LCh	78, 3.896, 144.138
Yxy	52.9058, 0.3124, 0.3365
Android (android.graphics.Color)	4290560700 (0xFFBCC2BC)
YUV	191.5220, -1.7363, -3.0888
Hunter-Lab	72.7364, -6.7529, 5.9189

Details

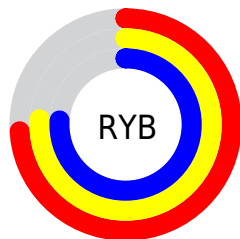
The Yxy color **52.9058, 0.3124, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3248, 0.3130, 0.3216**, and the grayscale version is **52.4354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1360, 0.3124, 0.3349**, and **25.6563, 0.3123, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **49.8416, 0.3113, 0.3631**, and if you desaturate by 10%, it is **56.4133, 0.3134, 0.3133**.

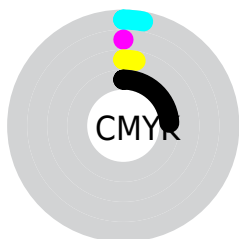
Distribution



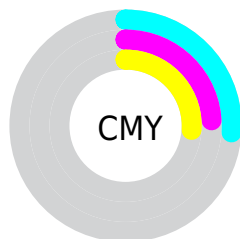
- Red (74%)
- Green (76%)
- Blue (74%)



- Red (74%)
- Yellow (76%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9058, 0.3124, 0.3365 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 52.9058, 0.3124, 0.3365 by changing the saturation by 10% instead.

■ 52.9058, 0.3124,
0.3365

■ 52.9058, 0.3124,
0.3365

397.9236, 0.3126,
0.3328

■ 37.7276, 0.3124,
0.3374

■ 94.4657, 0.3125,
0.3352

■ 25.7713, 0.3123,
0.3386

121.6162, 0.3125,
0.3347

■ 16.6526, 0.3122,
0.3401

153.5263, 0.3125,
0.3342

■ 9.9871, 0.3121,
0.3422

190.5803, 0.3125,
0.3339

■ 5.3904, 0.3119,
0.3452

233.1626, 0.3125,
0.3336

■ 2.4781, 0.3116,
0.3501

281.6577, 0.3125,

■ 0.8657, 0.3114,

0.3333

0.3615

336.4499, 0.3126,
0.3330

0.0000, 0.0000,
0.0000

52.9058, 0.3124,
0.3365

52.9058, 0.3124,
0.3365

49.8416, 0.3113,
0.3631

56.4133, 0.3134,
0.3133

47.1965, 0.3100,
0.3930

60.3736, 0.3142,
0.2933

44.9545, 0.3085,
0.4260

64.8045, 0.3149,
0.2762

43.0958, 0.3069,
0.4611

67.0596, 0.3155,
0.2693

41.5989, 0.3053,
0.4967

■ 40.4402, 0.3037,
0.5304

■ 39.5936, 0.3023,
0.5594

■ 39.0286, 0.3012,
0.5813

■ 38.7093, 0.3004,
0.5946

Harmonies

Analogous

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



52.9058, 0.3176, 0.3381



52.9058, 0.3124, 0.3365



52.9058, 0.3074, 0.3329

Triad

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



52.9058, 0.3124, 0.3365



52.9058, 0.3041, 0.3209



52.9058, 0.3217, 0.3297

Complementary

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



52.9058, 0.3124, 0.3365



51.3248, 0.3130, 0.3216

Split Complementary

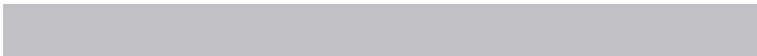
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.9058, 0.3181, 0.3252



52.9058, 0.3124, 0.3365



52.9058, 0.3079, 0.3201

Square

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



52.9058, 0.3124, 0.3365



52.9058, 0.3026, 0.3238



52.9058, 0.3130, 0.3217



52.9058, 0.3230, 0.3341

Rectangle

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



52.9058, 0.3124, 0.3365



52.9058, 0.3048, 0.3298



52.9058, 0.3130, 0.3217



52.9058, 0.3208, 0.3282

Sweetspot

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



52.9081, 0.3124, 0.3365



97.1150, 0.3126, 0.3314



53.6343, 0.3172, 0.3363



21.2739, 0.3126, 0.3313



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.



52.9081, 0.3124, 0.3365



95.2887, 0.3123, 0.3389



53.0285, 0.3102, 0.3329



11.5846, 0.3122, 0.3405



25.3753, 0.3002, 0.5999



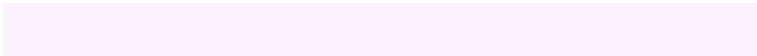
1.0977, 0.3009, 0.5993

Inverse Universe

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



51.3248, 0.3130, 0.3216



91.5363, 0.3131, 0.3193



51.2020, 0.3153, 0.3252



11.0589, 0.3132, 0.3177



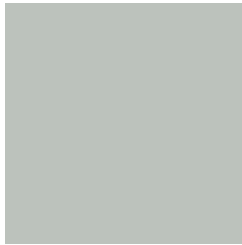
9.9780, 0.3191, 0.1531



0.4324, 0.3195, 0.1534

Previews

White Background



This preview shows how the Yxy color 52.9058, 0.3124, 0.3365 looks on a white background.

Color Contrast Check

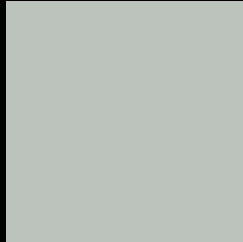
Large Text (above 18pt) WCAG AA × Fail

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 52.9058, 0.3124, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

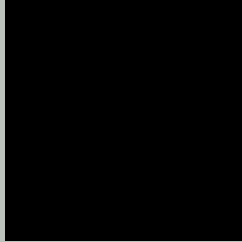
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

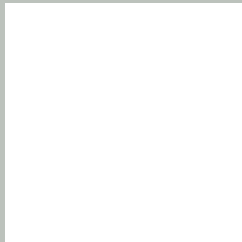
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9058, 0.3124, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 52.9058, 0.3124, 0.3365.



This preview shows how white text looks on a background with the Yxy color 52.9058, 0.3124, 0.3365.

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

52.9058, 0.3124, 0.3365

Protanopia

52.7198, 0.3207, 0.3339

Deuteranopia

52.8326, 0.3315, 0.3243



Tritanopia

52.7942, 0.3016, 0.3107

Trichromacy



Original Color

52.9058, 0.3124, 0.3365

Protanomaly

52.7565, 0.3181, 0.3352

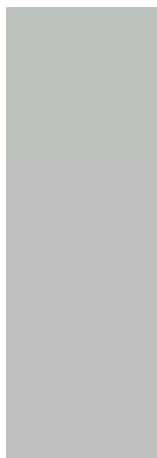
Deuteranomaly

52.7658, 0.3243, 0.3290

Tritanomaly

52.7699, 0.3059, 0.3203

Monochromacy



Original Color

52.9058, 0.3124, 0.3365

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9779, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9058, 0.3124, 0.3365 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(188, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 188)  
}
```

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(188, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.9058, 0.3124, 0.3365 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(188, 194, 188) }
```

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

```
.border{ border-color:rgb(188, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9058, 0.3124, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 188) }
```

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

```
.background{ background-color: rgb(188,  
194, 188) }
```

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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