

Converting Colors

Yxy(54.4621, 0.3119, 0.3410)

Have a look what the booklet for
Yxy(54.4621, 0.3119, 0.3410)
contains.

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Color

Yxy(54.7104, 0.3121, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	BCC6BC
RGB	188, 198, 188
RGB Percent	74%, 78%, 74%
CMY	0.2629, 0.2235, 0.2628
CMYK	0.05, 0.00, 0.05, 0.22
HSL	120°, 8%, 76%
HSV	120°, 5%, 78%
XYZ	50.0003, 54.7104, 55.4954
YIQ	193.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

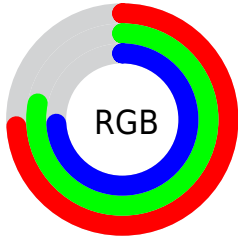
Format	Color
RYB	188, 198, 198
Decimal	12371644
CIELab	78.87, -5.31, 3.82
CIELCh	79, 6.542, 144.292
Yxy	54.7104, 0.3121, 0.3415
Android (android.graphics.Color)	4290561724 (0xFFBCC6BC)
YUV	193.8700, -2.8939, -5.1480
Hunter-Lab	73.9665, -8.7778, 7.2926

Details

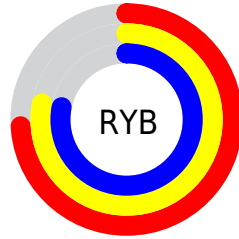
The Yxy color **54.7104, 0.3121, 0.3415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0309, 0.3133, 0.3168**, and the grayscale version is **53.8833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2848, 0.3122, 0.3398**, and **26.8467, 0.3120, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **51.5753, 0.3108, 0.3687**, and if you desaturate by 10%, it is **58.3115, 0.3133, 0.3177**.

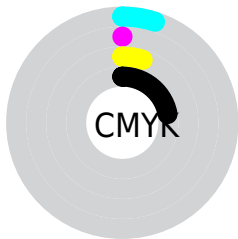
Distribution



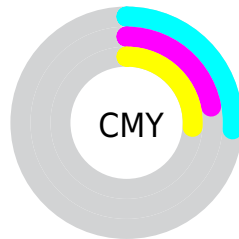
- Red (74%)
- Green (78%)
- Blue (74%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (26%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7104, 0.3121, 0.3415 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 54.7104, 0.3121, 0.3415 by changing the saturation by 10% instead.


 54.7104, 0.3121,
0.3415

 54.7104, 0.3121,
0.3415


404.8132, 0.3124,
0.3354

 39.1699, 0.3120,
0.3430


 97.1165, 0.3122,
0.3393

 26.8919, 0.3119,
0.3449


124.7509, 0.3123,
0.3385

 17.4921, 0.3117,
0.3474


157.1854, 0.3123,
0.3378

 10.5859, 0.3115,
0.3509

194.8044, 0.3123,
0.3371

 5.7892, 0.3112,
0.3559

237.9923, 0.3124,
0.3366

 2.7173, 0.3105,
0.3640

287.1335, 0.3124,

 0.9860, 0.3101,

0.3362

0.3803

342.6123, 0.3124,
0.3357

0.0000, 0.0000,
0.0000

54.7104, 0.3121,
0.3415

54.7104, 0.3121,
0.3415

51.5753, 0.3108,
0.3687

58.3115, 0.3133,
0.3177

48.8805, 0.3093,
0.3993

62.3892, 0.3143,
0.2972

46.6085, 0.3077,
0.4328

66.9625, 0.3152,
0.2795

44.7379, 0.3060,
0.4682

68.8770, 0.3153,
0.2732

43.2452, 0.3043,
0.5036

■ 42.1048, 0.3028,
0.5366

■ 41.2878, 0.3015,
0.5644

■ 40.7607, 0.3006,
0.5846

■ 40.4827, 0.3001,
0.5962

Harmonies

Analogous

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



54.7104, 0.3207, 0.3441



54.7104, 0.3121, 0.3415



54.7104, 0.3038, 0.3354

Triad

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



54.7104, 0.3121, 0.3415



54.7104, 0.2984, 0.3155



54.7104, 0.3278, 0.3302

Complementary

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



54.7104, 0.3121, 0.3415



52.0309, 0.3133, 0.3168

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.



54.7104, 0.3216, 0.3227



54.7104, 0.3121, 0.3415



54.7104, 0.3047, 0.3143

Square

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



54.7104, 0.3121, 0.3415



54.7104, 0.2959, 0.3203



54.7104, 0.3132, 0.3170



54.7104, 0.3298, 0.3374

Rectangle

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



54.7104, 0.3121, 0.3415



54.7104, 0.2995, 0.3302



54.7104, 0.3132, 0.3170



54.7104, 0.3261, 0.3276

Sweetspot

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



54.7127, 0.3121, 0.3415



98.7226, 0.3125, 0.3339



56.0342, 0.3201, 0.3413



21.1441, 0.3125, 0.3336



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.



54.7127, 0.3121, 0.3415



96.2697, 0.3120, 0.3441



54.9320, 0.3085, 0.3352



12.0915, 0.3119, 0.3453



26.2668, 0.2999, 0.5997



1.2440, 0.2996, 0.5987

Inverse Universe

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



52.0309, 0.3133, 0.3168



90.6200, 0.3134, 0.3144



51.8042, 0.3172, 0.3229



11.3263, 0.3135, 0.3132



10.4373, 0.3218, 0.1547



0.4944, 0.3216, 0.1546

Previews

White Background



This preview shows how the Yxy color 54.7104, 0.3121, 0.3415 looks on a white background.

Color Contrast Check

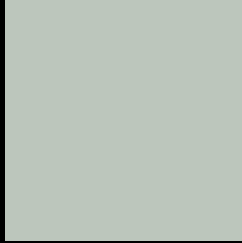
Large Text (above 18pt) WCAG AA × Fail

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 54.7104, 0.3121, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

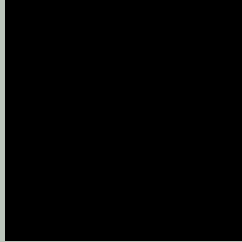
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

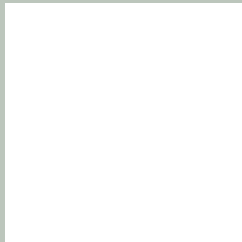
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7104, 0.3121, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 54.7104, 0.3121, 0.3415.



This preview shows how white text looks on a background with the Yxy color 54.7104, 0.3121, 0.3415.

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

54.7104, 0.3121, 0.3415

Protanopia

54.5463, 0.3244, 0.3388

Deuteranopia

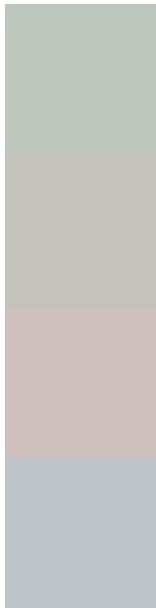
54.7118, 0.3345, 0.3279



Tritanopia

54.7597, 0.2988, 0.3108

Trichromacy



Original Color

54.7104, 0.3121, 0.3415

Protanomaly

54.3538, 0.3195, 0.3388

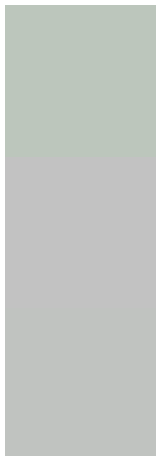
Deuteranomaly

54.4952, 0.3265, 0.3326

Tritanomaly

54.6913, 0.3037, 0.3216

Monochromacy



Original Color

54.7104, 0.3121, 0.3415

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0425, 0.3125, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7104, 0.3121, 0.3415 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, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 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, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.7104, 0.3121, 0.3415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

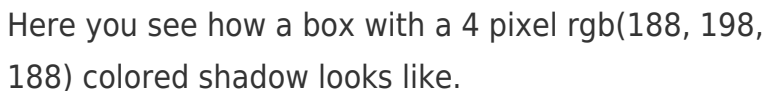
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 198, 188) }
```

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

```
.border{ border-color:rgb(188, 198, 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, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 198, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 198, 188); box-shadow:4px 4px 4px 4px rgb(188, 198, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7104, 0.3121, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 188) }
```

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

```
.background{ background-color: rgb(188,  
198, 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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