

Converting Colors

Yxy(54.5894, 0.3131, 0.3206)

Have a look what the booklet for
Yxy(54.5894, 0.3131, 0.3206)
contains.

Yxy(54.5894, 0.3131, 0.3206)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5894, 0.3131, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	C8C1C8
RGB	200, 193, 200
RGB Percent	78%, 76%, 78%
CMY	0.2157, 0.2431, 0.2157
CMYK	0.00, 0.03, 0.00, 0.22
HSL	300°, 6%, 77%
HSV	300°, 3%, 78%
XYZ	53.3124, 54.5894, 62.3709
YIQ	195.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

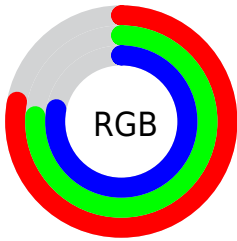
Format	Color
R _{YB}	200, 193, 200
Decimal	13156808
CIE Lab	78.80, 3.71, -2.64
CIE LCh	79, 4.558, 324.528
Yxy	54.5894, 0.3131, 0.3206
Android (android.graphics.Color)	4291346888 (0xFFC8C1C8)
YUV	195.8910, 2.0257, 3.6036
Hunter-Lab	73.8846, -0.4993, 1.6687

Details

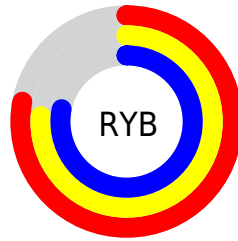
The Yxy color **54.5894, 0.3131, 0.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5003, 0.3123, 0.3375**, and the grayscale version is **55.1204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **26.9425, 0.3132, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **46.3334, 0.3142, 0.2960**, and if you desaturate by 10%, it is **64.0459, 0.3120, 0.3443**.

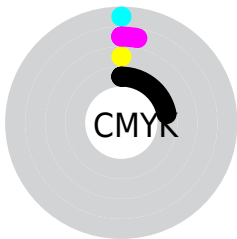
Distribution



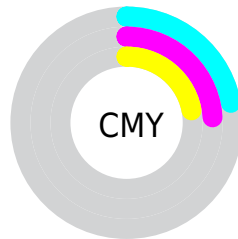
- Red (78%)
- Green (76%)
- Blue (78%)



- Red (78%)
- Yellow (76%)
- Blue (78%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5894, 0.3131, 0.3206 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 54.5894, 0.3131, 0.3206 by changing the saturation by 10% instead.

 54.5894, 0.3131,
0.3206

 54.5894, 0.3131,
0.3206


404.3536, 0.3129,
0.3247

 39.0731, 0.3131,
0.3196


 96.9391, 0.3130,
0.3221

 26.8166, 0.3132,
0.3184


124.5413, 0.3130,
0.3226

 17.4355, 0.3132,
0.3168


156.9408, 0.3130,
0.3231

 10.5455, 0.3133,
0.3146

194.5222, 0.3130,
0.3235

 5.7621, 0.3134,
0.3114

237.6698, 0.3130,
0.3238

 2.7010, 0.3135,
0.3066

286.7679, 0.3130,

 0.9777, 0.3137,

0.3242

0.2979

342.2011, 0.3129,
0.3244

0.0000, 0.0000,
0.0000

54.5894, 0.3131,
0.3206

54.5894, 0.3131,
0.3206

46.3334, 0.3142,
0.2960

64.0459, 0.3120,
0.3443

39.2233, 0.3153,
0.2712

74.7408, 0.3110,
0.3666

33.2104, 0.3165,
0.2467

86.7192, 0.3100,
0.3874

28.2402, 0.3175,
0.2235

87.9880, 0.3100,
0.3894

24.2533, 0.3184,
0.2027

87.9930, 0.3100,
0.3894

■ 21.1843, 0.3192,
0.1849

■ 87.9979, 0.3100,
0.3894

■ 18.9602, 0.3198,
0.1711

■ 88.0029, 0.3100,
0.3894

■ 17.4965, 0.3202,
0.1614

■ 88.0079, 0.3101,
0.3894

■ 16.6914, 0.3204,
0.1559

■ 88.0129, 0.3101,
0.3894

Harmonies

Analogous

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



54.5894, 0.3072, 0.3187



54.5894, 0.3131, 0.3206



54.5894, 0.3190, 0.3247

Triad

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



54.5894, 0.3131, 0.3206



54.5894, 0.3228, 0.3385



54.5894, 0.3023, 0.3280

Complementary

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



54.5894, 0.3131, 0.3206



56.5003, 0.3123, 0.3375

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.



54.5894, 0.3065, 0.3334



54.5894, 0.3131, 0.3206



54.5894, 0.3182, 0.3395

Square

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



54.5894, 0.3131, 0.3206



54.5894, 0.3246, 0.3350



54.5894, 0.3123, 0.3377



54.5894, 0.3010, 0.3229

Rectangle

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



54.5894, 0.3131, 0.3206



54.5894, 0.3221, 0.3281



54.5894, 0.3123, 0.3377



54.5894, 0.3034, 0.3298

Sweetspot

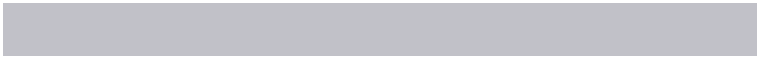
The Sweet Spot groups the original color and five complimentary colors.



54.5918, 0.3131, 0.3206



98.3829, 0.3128, 0.3266



53.7040, 0.3075, 0.3206



21.0750, 0.3128, 0.3267



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.



54.5918, 0.3131, 0.3206



93.6604, 0.3132, 0.3192



54.4372, 0.3156, 0.3247



11.6776, 0.3132, 0.3177



10.4281, 0.3205, 0.1539



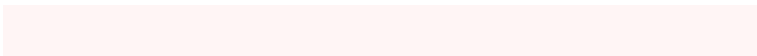
0.4941, 0.3206, 0.1540

Inverse Universe

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



54.2745, 0.3184, 0.3290



93.0253, 0.3193, 0.3290



56.6512, 0.3099, 0.3334



11.5856, 0.3204, 0.3290



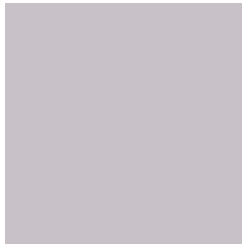
7.8083, 0.6399, 0.3298



0.3698, 0.6390, 0.3294

Previews

White Background



This preview shows how the Yxy color 54.5894, 0.3131, 0.3206 looks on a white background.

Color Contrast Check

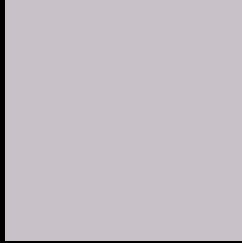
Large Text (above 18pt) WCAG AA × Fail

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 54.5894, 0.3131, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

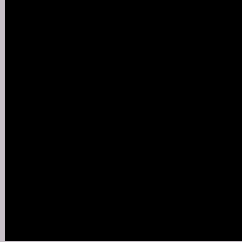
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

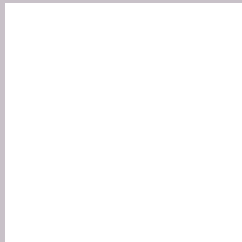
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5894, 0.3131, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 54.5894, 0.3131, 0.3206.

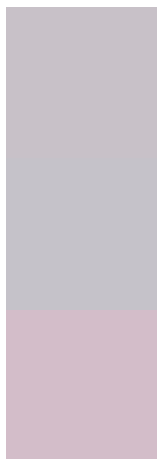


This preview shows how white text looks on a background with the Yxy color 54.5894, 0.3131, 0.3206.

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

54.5894, 0.3131, 0.3206

Protanopia

54.6709, 0.3099, 0.3205

Deuteranopia

54.4611, 0.3216, 0.3150



Tritanopia

54.6218, 0.3088, 0.3112

Trichromacy



Original Color

54.5894, 0.3131, 0.3206

Protanomaly

54.8064, 0.3107, 0.3206

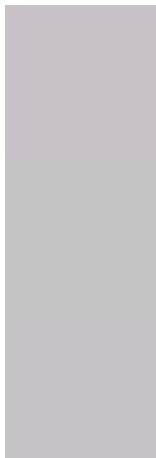
Deuteranomaly

54.3094, 0.3182, 0.3160

Tritanomaly

54.4764, 0.3110, 0.3147

Monochromacy



Original Color

54.5894, 0.3131, 0.3206

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9317, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5894, 0.3131, 0.3206 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(200, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 193, 200)  
}
```

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(200, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 193, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.5894, 0.3131, 0.3206 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(200, 193, 200) }
```

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

```
.border{ border-color:rgb(200, 193, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 193, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 193,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5894, 0.3131, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 193, 200) }
```

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

```
.background{ background-color: rgb(200,  
193, 200) }
```

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