

Converting Colors

Yxy(54.1762, 0.3205, 0.3320)

Have a look what the booklet for
Yxy(54.1762, 0.3205, 0.3320)
contains.

Yxy(54.1809, 0.3199, 0.3314)	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(54.1809, 0.3199, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C8C1BF
RGB	200, 193, 191
RGB Percent	78%, 76%, 75%
CMY	0.2156, 0.2432, 0.2509
CMYK	0.00, 0.04, 0.04, 0.22
HSL	13°, 8%, 77%
HSV	13°, 4%, 78%
XYZ	52.3008, 54.1809, 57.0093
YIQ	194.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

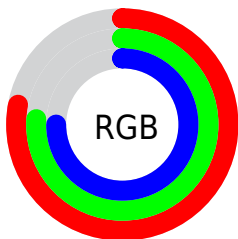
Format	Color
R_{YB}	200, 194, 191
Decimal	13156799
CIE Lab	78.57, 2.11, 1.85
CIE LCh	79, 2.805, 41.245
Yxy	54.1809, 0.3199, 0.3314
Android (android.graphics.Color)	4291346879 (0xFFC8C1BF)
YUV	194.8650, -1.9054, 4.5034
Hunter-Lab	73.6077, -1.9831, 5.6051

Details

The Yxy color **54.1809, 0.3199, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6685, 0.3058, 0.3266**, and the grayscale version is **54.5021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7268, 0.3177, 0.3309**, and **26.7021, 0.3213, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **46.8097, 0.3382, 0.3370**, and if you desaturate by 10%, it is **62.4081, 0.3047, 0.3262**.

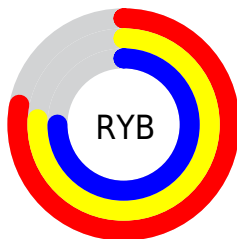
Distribution



Red (78%)

Green (76%)

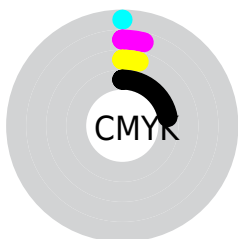
Blue (75%)



Red (78%)

Yellow (76%)

Blue (75%)

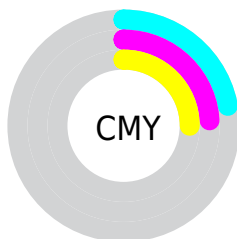


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (24%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1809, 0.3199, 0.3314 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 54.1809, 0.3199, 0.3314 by changing the saturation by 10% instead.


 54.1809, 0.3199,
0.3314

 54.1809, 0.3199,
0.3314


402.7995, 0.3164,
0.3303

 38.7463, 0.3208,
0.3317


 96.3398, 0.3186,
0.3310

 26.5624, 0.3218,
0.3320


123.8329, 0.3182,
0.3308

 17.2449, 0.3232,
0.3325


156.1143, 0.3178,
0.3307

 10.4092, 0.3252,
0.3331

193.5684, 0.3174,
0.3306

 5.6711, 0.3280,
0.3340

236.5795, 0.3171,
0.3305

 2.6462, 0.3325,
0.3353

285.5322, 0.3168,

 0.9499, 0.3407,

0.3304

340.8107, 0.3166,
0.3303

0.3379

0.0000, 0.0000,
0.0000

54.1809, 0.3199,
0.3314

54.1809, 0.3199,
0.3314

46.8097, 0.3382,
0.3370

62.4081, 0.3047,
0.3262

40.2600, 0.3603,
0.3430

71.5106, 0.2921,
0.3214

34.5053, 0.3866,
0.3491

81.5156, 0.2815,
0.3170

29.5148, 0.4177,
0.3549

91.0228, 0.2805,
0.3289

25.2560, 0.4535,
0.3599

■ 21.6939, 0.4929,
0.3632

■ 18.7902, 0.5335,
0.3638

■ 16.5033, 0.5713,
0.3608

■ 14.7860, 0.6017,
0.3541

Harmonies

Analogous

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



54.1809, 0.3182, 0.3281



54.1809, 0.3199, 0.3314



54.1809, 0.3196, 0.3341

Triad

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



54.1809, 0.3199, 0.3314



54.1809, 0.3104, 0.3330



54.1809, 0.3079, 0.3227

Complementary

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



54.1809, 0.3199, 0.3314



55.6685, 0.3058, 0.3266

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.



54.1809, 0.3058, 0.3239



54.1809, 0.3199, 0.3314



54.1809, 0.3073, 0.3299

Square

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



54.1809, 0.3199, 0.3314



54.1809, 0.3141, 0.3350



54.1809, 0.3056, 0.3266



54.1809, 0.3113, 0.3231

Rectangle

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



54.1809, 0.3199, 0.3314



54.1809, 0.3184, 0.3352



54.1809, 0.3056, 0.3266



54.1809, 0.3071, 0.3229

Sweetspot

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



54.1833, 0.3199, 0.3314



98.5715, 0.3143, 0.3295



53.6391, 0.3147, 0.3205



21.1134, 0.3142, 0.3295



0.0000, 0.0000, 0.0000



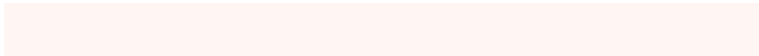
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1833, 0.3199, 0.3314



93.0103, 0.3209, 0.3317



56.1952, 0.3195, 0.3368



11.6227, 0.3218, 0.3320



9.0462, 0.6128, 0.3516



0.5388, 0.5717, 0.3842

Inverse Universe

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



55.6685, 0.3058, 0.3266



95.8991, 0.3049, 0.3263



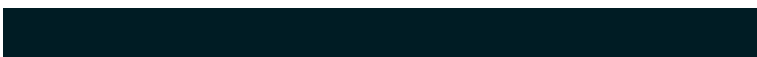
53.6487, 0.3059, 0.3211



12.0250, 0.3041, 0.3260



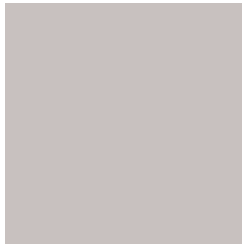
17.9819, 0.2050, 0.2579



0.9518, 0.2095, 0.2743

Previews

White Background



This preview shows how the Yxy color 54.1809, 0.3199, 0.3314 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 54.1809, 0.3199, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

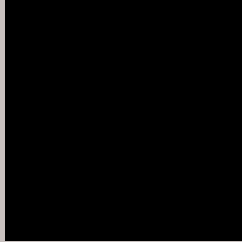
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

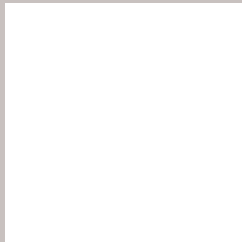
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1809, 0.3199, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 54.1809, 0.3199, 0.3314.

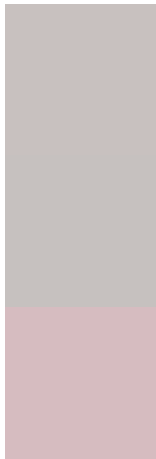


This preview shows how white text looks on a background with the Yxy color 54.1809, 0.3199, 0.3314.

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

54.1809, 0.3199, 0.3314

Protanopia

53.9073, 0.3183, 0.3315

Deuteranopia

54.0684, 0.3313, 0.3244



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.1809, 0.3199, 0.3314

Protanomaly

54.0436, 0.3191, 0.3315

Deuteranomaly

54.1880, 0.3269, 0.3267

Tritanomaly

54.3338, 0.3132, 0.3182

Monochromacy



Original Color

54.1809, 0.3199, 0.3314

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3489, 0.3151, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1809, 0.3199, 0.3314 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(200, 193, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 193, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.1809, 0.3199, 0.3314 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, 191) }
```

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

```
.border{ border-color:rgb(200, 193, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 193,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1809, 0.3199, 0.3314 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, 191) }
```

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

```
.background{ background-color: rgb(200,  
193, 191) }
```

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