

Converting Colors

$Yxy(54.3509, 0.3073, 0.3253)$

Have a look what the booklet for
Yxy(54.3509, 0.3073, 0.3253)
contains.

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Color

Yxy(54.1838, 0.3074, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3C6
RGB	191, 195, 198
RGB Percent	75%, 76%, 78%
CMY	0.2508, 0.2353, 0.2236
CMYK	0.04, 0.02, 0.00, 0.22
HSL	206°, 6%, 76%
HSV	206°, 4%, 78%
XYZ	51.2023, 54.1838, 61.1796
YIQ	194.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

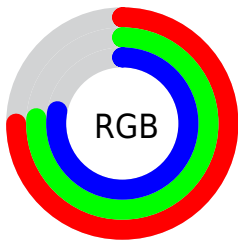
Format	Color
RYB	191, 194, 198
Decimal	12567494
CIELab	78.57, -0.79, -1.99
CIELCh	79, 2.137, 248.381
Yxy	54.1838, 0.3074, 0.3253
Android (android.graphics.Color)	4290757574 (0xFFBFC3C6)
YUV	194.1460, 1.9000, -2.7590
Hunter-Lab	73.6096, -4.6537, 2.2488

Details

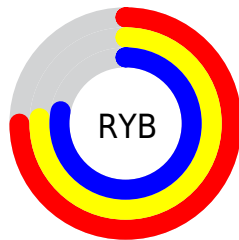
The Yxy color **54.1838, 0.3074, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3743, 0.3181, 0.3327**, and the grayscale version is **54.0346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6150, 0.3079, 0.3261**, and **26.4666, 0.3066, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **48.0641, 0.2919, 0.3139**, and if you desaturate by 10%, it is **60.8750, 0.3224, 0.3355**.

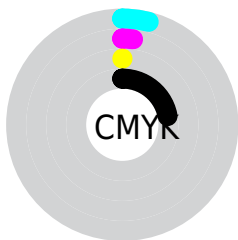
Distribution



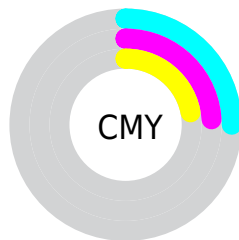
- Red (75%)
- Green (76%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1838, 0.3074, 0.3253 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 54.1838, 0.3074, 0.3253 by changing the saturation by 10% instead.

■ 54.1838, 0.3074,
0.3253

■ 54.1838, 0.3074,
0.3253

402.8105, 0.3100,
0.3271

■ 38.7486, 0.3068,
0.3249

■ 96.3441, 0.3083,
0.3260

■ 26.5642, 0.3060,
0.3243

123.8379, 0.3087,
0.3262

■ 17.2462, 0.3049,
0.3236

156.1202, 0.3090,
0.3264

■ 10.4102, 0.3035,
0.3226

193.5752, 0.3092,
0.3266

■ 5.6718, 0.3015,
0.3211

236.5873, 0.3095,
0.3267

■ 2.6465, 0.2982,
0.3188

285.5410, 0.3097,

■ 0.9501, 0.2924,

0.3269

0.3146

340.8206, 0.3098,
0.3270

0.0000, 0.0000,
0.0000

54.1838, 0.3074,
0.3253

54.1838, 0.3074,
0.3253

48.0641, 0.2919,
0.3139

60.8750, 0.3224,
0.3355

42.4914, 0.2761,
0.3014

68.1473, 0.3367,
0.3445

37.4495, 0.2604,
0.2876

76.0188, 0.3503,
0.3525

32.9188, 0.2449,
0.2727

81.4973, 0.3519,
0.3607

28.8782, 0.2302,
0.2570

86.3563, 0.3501,
0.3689

■ 25.3045, 0.2167,
0.2405

■ 91.4521, 0.3483,
0.3770

■ 22.1724, 0.2049,
0.2237

■ 96.7878, 0.3466,
0.3849

■ 19.4531, 0.1951,
0.2069

■ 96.8568, 0.3466,
0.3850

■ 17.1126, 0.1875,
0.1906

Harmonies

Analogous

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



54.1838, 0.3074, 0.3274



54.1838, 0.3074, 0.3253



54.1838, 0.3089, 0.3242

Triad

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



54.1838, 0.3074, 0.3253



54.1838, 0.3167, 0.3281



54.1838, 0.3141, 0.3337

Complementary

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



54.1838, 0.3074, 0.3253



54.3743, 0.3181, 0.3327

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.



54.1838, 0.3166, 0.3339



54.1838, 0.3074, 0.3253



54.1838, 0.3181, 0.3306

Square

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



54.1838, 0.3074, 0.3253



54.1838, 0.3142, 0.3258



54.1838, 0.3181, 0.3327



54.1838, 0.3112, 0.3323

Rectangle

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



54.1838, 0.3074, 0.3253



54.1838, 0.3105, 0.3242



54.1838, 0.3181, 0.3327



54.1838, 0.3150, 0.3339

Sweetspot

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



54.1861, 0.3074, 0.3253



98.8184, 0.3112, 0.3279



55.3594, 0.3102, 0.3340



21.1637, 0.3113, 0.3280



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.



54.1861, 0.3074, 0.3253



95.3360, 0.3066, 0.3247



52.6964, 0.3075, 0.3211



11.9196, 0.3056, 0.3240



10.4215, 0.1840, 0.1824



0.6355, 0.1933, 0.2160

Inverse Universe

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



53.2281, 0.3154, 0.3242



93.3832, 0.3158, 0.3234



55.8884, 0.3179, 0.3367



11.6374, 0.3163, 0.3226



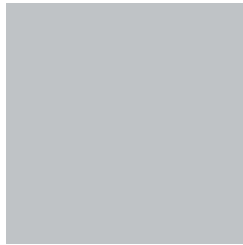
8.5920, 0.4657, 0.2339



0.4212, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 54.1838, 0.3074, 0.3253 looks on a white background.

Color Contrast Check

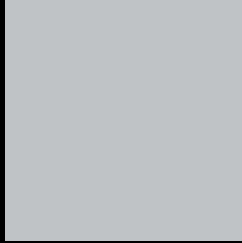
Large Text (above 18pt) WCAG AA × Fail

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 54.1838, 0.3074, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

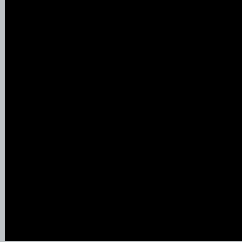
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

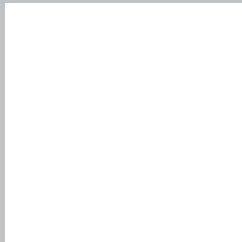
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1838, 0.3074, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 54.1838, 0.3074, 0.3253.

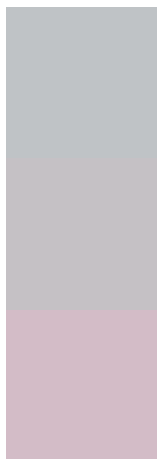


This preview shows how white text looks on a background with the Yxy color 54.1838, 0.3074, 0.3253.

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

54.1838, 0.3074, 0.3253

Protanopia

54.0415, 0.3129, 0.3241

Deuteranopia

53.9388, 0.3232, 0.3161



Tritanopia

54.0808, 0.3010, 0.3097

Trichromacy



Original Color

54.1838, 0.3074, 0.3253

Protanomaly

54.2169, 0.3113, 0.3253

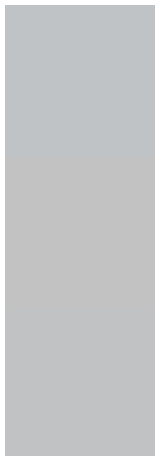
Deuteranomaly

54.2225, 0.3172, 0.3195

Tritanomaly

54.1978, 0.3031, 0.3156

Monochromacy



Original Color

54.1838, 0.3074, 0.3253

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8612, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1838, 0.3074, 0.3253 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(191, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 198)  
}
```

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(191, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.1838, 0.3074, 0.3253 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(191, 195, 198) }
```

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

```
.border{ border-color:rgb(191, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1838, 0.3074, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 198) }
```

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

```
.background{ background-color: rgb(191,  
195, 198) }
```

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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