

Converting Colors

Yxy(54.6965, 0.3119, 0.3250)

Have a look what the booklet for
Yxy(54.6965, 0.3119, 0.3250)
contains.

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Color

Yxy(54.9777, 0.3121, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C5C3C6
RGB	197, 195, 198
RGB Percent	77%, 76%, 78%
CMY	0.2275, 0.2353, 0.2236
CMYK	0.00, 0.02, 0.00, 0.22
HSL	280°, 3%, 77%
HSV	280°, 2%, 78%
XYZ	52.7306, 54.9777, 61.2459
YIQ	195.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

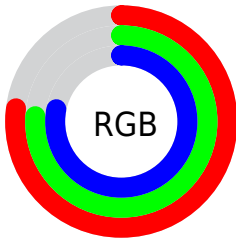
Format	Color
RYB	197, 195, 198
Decimal	12960710
CIELab	79.03, 1.24, -1.25
CIElCh	79, 1.763, 314.685
Yxy	54.9777, 0.3121, 0.3254
Android (android.graphics.Color)	4291150790 (0xFFC5C3C6)
YUV	195.9400, 1.0156, 0.9296
Hunter-Lab	74.1469, -2.8145, 2.9289

Details

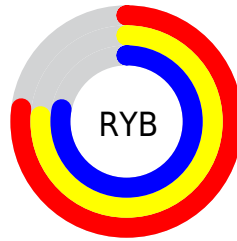
The Yxy color **54.9777, 0.3121, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0549, 0.3133, 0.3326**, and the grayscale version is **55.1578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9116, 0.3122, 0.3261**, and **26.9030, 0.3119, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **45.8195, 0.3075, 0.3004**, and if you desaturate by 10%, it is **65.3556, 0.3159, 0.3486**.

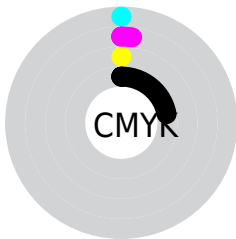
Distribution



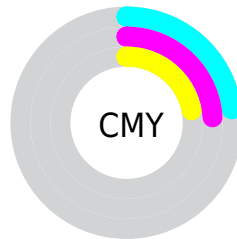
- Red (77%)
- Green (76%)
- Blue (78%)



- Red (77%)
- Yellow (76%)
- Blue (78%)



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



- Cyan (23%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9777, 0.3121, 0.3254 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 54.9777, 0.3121, 0.3254 by changing the saturation by 10% instead.

■ 54.9777, 0.3121,
0.3254

■ 54.9777, 0.3121,
0.3254

405.8274, 0.3124,
0.3272

■ 39.3839, 0.3120,
0.3250

■ 97.5083, 0.3122,
0.3260

■ 27.0585, 0.3119,
0.3244

125.2138, 0.3123,
0.3263

■ 17.6172, 0.3118,
0.3237

157.7254, 0.3123,
0.3265

■ 10.6755, 0.3116,
0.3228

195.4274, 0.3123,
0.3266

■ 5.8491, 0.3114,
0.3214

238.7042, 0.3123,
0.3268

■ 2.7535, 0.3110,
0.3193

287.9402, 0.3124,

■ 1.0044, 0.3103,

0.3269

0.3154

343.5198, 0.3124,
0.3271

0.0000, 0.0000,
0.0000

54.9777, 0.3121,
0.3254

54.9777, 0.3121,
0.3254

45.8195, 0.3075,
0.3004

65.3556, 0.3159,
0.3486

37.8276, 0.3021,
0.2740

76.9901, 0.3190,
0.3698

30.9548, 0.2958,
0.2466

89.9251, 0.3215,
0.3892

25.1481, 0.2887,
0.2190

91.3314, 0.3257,
0.3889

20.3502, 0.2807,
0.1923

92.3982, 0.3299,
0.3881

■ 16.4981, 0.2721,
0.1675

■ 93.5060, 0.3343,
0.3873

■ 13.5216, 0.2632,
0.1460

■ 94.6553, 0.3386,
0.3865

■ 11.3404, 0.2542,
0.1286

■ 95.8464, 0.3430,
0.3857

■ 9.8590, 0.2454,
0.1161

■ 96.8563, 0.3466,
0.3850

Harmonies

Analogous

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



54.9777, 0.3099, 0.3250



54.9777, 0.3121, 0.3254



54.9777, 0.3144, 0.3267

Triad

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



54.9777, 0.3121, 0.3254



54.9777, 0.3170, 0.3323



54.9777, 0.3091, 0.3293

Complementary

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



54.9777, 0.3121, 0.3254



56.0549, 0.3133, 0.3326

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.



54.9777, 0.3110, 0.3313



54.9777, 0.3121, 0.3254



54.9777, 0.3155, 0.3331

Square

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



54.9777, 0.3121, 0.3254



54.9777, 0.3173, 0.3307



54.9777, 0.3133, 0.3327



54.9777, 0.3082, 0.3273

Rectangle

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



54.9777, 0.3121, 0.3254



54.9777, 0.3158, 0.3280



54.9777, 0.3133, 0.3327



54.9777, 0.3097, 0.3300

Sweetspot

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



54.9801, 0.3121, 0.3254

100.0000, 0.3127, 0.3290



55.1593, 0.3105, 0.3266



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



54.9801, 0.3121, 0.3254



96.4692, 0.3119, 0.3241



55.0909, 0.3133, 0.3260



12.1851, 0.3119, 0.3245



5.9024, 0.2394, 0.1092



0.3178, 0.2568, 0.1188

Inverse Universe

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



55.0228, 0.3144, 0.3278



96.5716, 0.3149, 0.3274



55.9455, 0.3122, 0.3320



12.1970, 0.3148, 0.3275



8.0759, 0.5622, 0.2871



0.3959, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 54.9777, 0.3121, 0.3254 looks on a white background.

Color Contrast Check

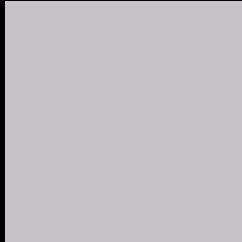
Large Text (above 18pt) WCAG AA × Fail

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 54.9777, 0.3121, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

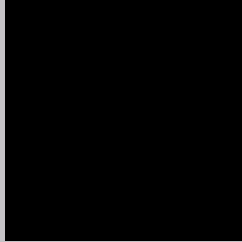
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

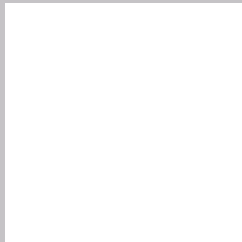
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9777, 0.3121, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 54.9777, 0.3121, 0.3254.

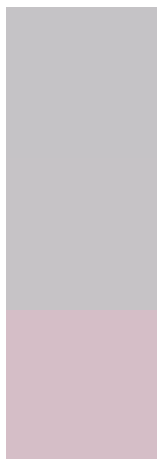


This preview shows how white text looks on a background with the Yxy color 54.9777, 0.3121, 0.3254.

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

54.9777, 0.3121, 0.3254

Protanopia

55.1132, 0.3129, 0.3254

Deuteranopia

55.0966, 0.3247, 0.3185



Tritanopia

54.8855, 0.3057, 0.3099

Trichromacy



Original Color

54.9777, 0.3121, 0.3254

Protanomaly

55.1132, 0.3129, 0.3254

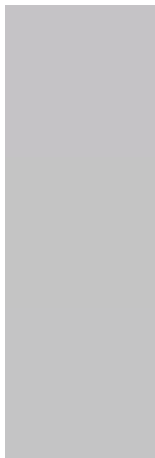
Deuteranomaly

55.0882, 0.3196, 0.3207

Tritanomaly

54.9971, 0.3078, 0.3158

Monochromacy



Original Color

54.9777, 0.3121, 0.3254

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2468, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9777, 0.3121, 0.3254 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(197, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.9777, 0.3121, 0.3254 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(197, 195, 198) }
```

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

```
.border{ border-color:rgb(197, 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(197, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
198) }
```

Background

The CSS property to change the background color of an element to Yxy 54.9777, 0.3121, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 198) }
```

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

```
.background{ background-color: rgb(197,  
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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