

Converting Colors

Yxy(54.6960, 0.3111, 0.3258)

Have a look what the booklet for
Yxy(54.6960, 0.3111, 0.3258)
contains.

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Color

Yxy(54.7095, 0.3105, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C3C3C6
RGB	195, 195, 198
RGB Percent	76%, 76%, 78%
CMY	0.2352, 0.2353, 0.2234
CMYK	0.02, 0.02, 0.00, 0.22
HSL	241°, 3%, 77%
HSV	241°, 2%, 78%
XYZ	52.2204, 54.7095, 61.2518
YIQ	195.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

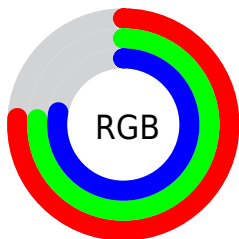
Format	Color
RYB	195, 195, 198
Decimal	12829638
CIELab	78.87, 0.58, -1.53
CIELCh	79, 1.631, 290.738
Yxy	54.7095, 0.3105, 0.3253
Android (android.graphics.Color)	4291019718 (0xFFC3C3C6)
YUV	195.3420, 1.3104, -0.2999
Hunter-Lab	73.9659, -3.4181, 2.6776

Details

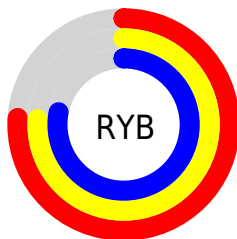
The Yxy color **54.7095, 0.3105, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3488, 0.3149, 0.3327**, and the grayscale version is **54.7840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5363, 0.3110, 0.3261**, and **26.7261, 0.3097, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **43.9724, 0.2949, 0.2992**, and if you desaturate by 10%, it is **66.9721, 0.3241, 0.3480**.

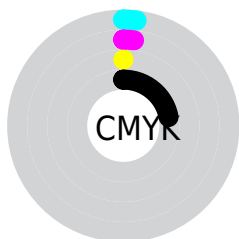
Distribution



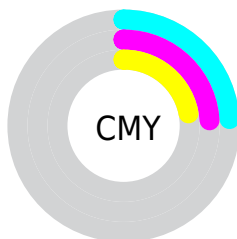
- Red (76%)
- Green (76%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7095, 0.3105, 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 54.7095, 0.3105, 0.3253 by changing the saturation by 10% instead.

■ 54.7095, 0.3105,
0.3253

■ 54.7095, 0.3105,
0.3253

404.8098, 0.3116,
0.3271

■ 39.1692, 0.3102,
0.3249

■ 97.1152, 0.3109,
0.3259

■ 26.8914, 0.3099,
0.3243

124.7494, 0.3110,
0.3262

■ 17.4917, 0.3095,
0.3236

157.1836, 0.3112,
0.3264

■ 10.5856, 0.3089,
0.3226

194.8023, 0.3113,
0.3266

■ 5.7890, 0.3080,
0.3212

237.9899, 0.3114,
0.3267

■ 2.7172, 0.3067,
0.3189

287.1308, 0.3114,

■ 0.9859, 0.3042,

0.3269

0.3149

342.6093, 0.3115,
0.3270

0.0000, 0.0000,
0.0000

54.7095, 0.3105,
0.3253

54.7095, 0.3105,
0.3253

43.9724, 0.2949,
0.2992

66.9721, 0.3241,
0.3480

34.6944, 0.2772,
0.2698

80.8091, 0.3359,
0.3677

26.8148, 0.2576,
0.2373

96.2761, 0.3460,
0.3846

20.2658, 0.2367,
0.2025

96.8587, 0.3466,
0.3850

14.9739, 0.2153,
0.1671

■ 10.8587, 0.1949,
0.1333

■ 7.8304, 0.1770,
0.1038

■ 5.7863, 0.1631,
0.0811

■ 4.6040, 0.1543,
0.0667

Harmonies

Analogous

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



54.7095, 0.3090, 0.3257



54.7095, 0.3105, 0.3253



54.7095, 0.3126, 0.3259

Triad

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



54.7095, 0.3105, 0.3253



54.7095, 0.3170, 0.3310



54.7095, 0.3107, 0.3308

Complementary

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



54.7095, 0.3105, 0.3253



56.3488, 0.3149, 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.



54.7095, 0.3129, 0.3322



54.7095, 0.3105, 0.3253



54.7095, 0.3165, 0.3323

Square

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



54.7095, 0.3105, 0.3253



54.7095, 0.3163, 0.3291



54.7095, 0.3149, 0.3328



54.7095, 0.3091, 0.3289

Rectangle

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



54.7095, 0.3105, 0.3253



54.7095, 0.3140, 0.3267



54.7095, 0.3149, 0.3328



54.7095, 0.3114, 0.3314

Sweetspot

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



54.7118, 0.3105, 0.3253

100.0000, 0.3127, 0.3290



56.0826, 0.3103, 0.3290



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.



54.7118, 0.3105, 0.3253



95.8426, 0.3098, 0.3241



54.9116, 0.3117, 0.3253



12.1120, 0.3100, 0.3245



2.6605, 0.1503, 0.0602



0.1275, 0.1514, 0.0608

Inverse Universe

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



55.1157, 0.3129, 0.3254



96.7863, 0.3130, 0.3242



56.1471, 0.3137, 0.3327



12.2221, 0.3130, 0.3246



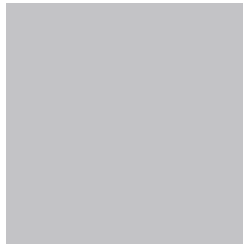
10.4095, 0.3230, 0.1553



0.4934, 0.3226, 0.1551

Previews

White Background



This preview shows how the Yxy color 54.7095, 0.3105, 0.3253 looks on a white background.

Color Contrast Check

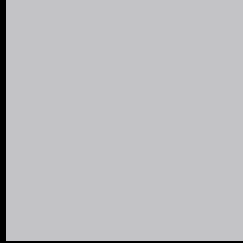
Large Text (above 18pt) WCAG AA × Fail

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 54.7095, 0.3105, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

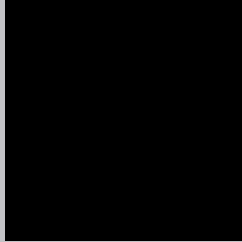
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

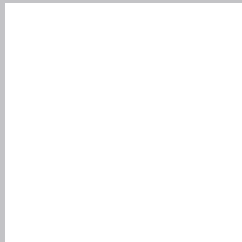
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7095, 0.3105, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 54.7095, 0.3105, 0.3253.

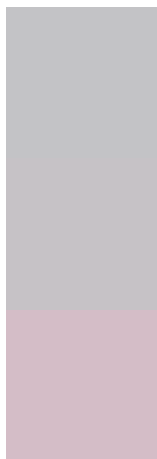


This preview shows how white text looks on a background with the Yxy color 54.7095, 0.3105, 0.3253.

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

54.7095, 0.3105, 0.3253

Protanopia

54.6666, 0.3129, 0.3242

Deuteranopia

54.5158, 0.3240, 0.3173



Tritanopia

54.6137, 0.3041, 0.3099

Trichromacy



Original Color

54.7095, 0.3105, 0.3253

Protanomaly

54.5311, 0.3121, 0.3242

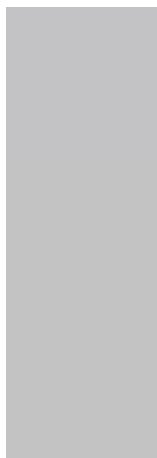
Deuteranomaly

54.5069, 0.3189, 0.3195

Tritanomaly

54.7271, 0.3062, 0.3157

Monochromacy



Original Color

54.7095, 0.3105, 0.3253

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6178, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7095, 0.3105, 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(195, 195, 198)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 54.7095, 0.3105, 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(195, 195, 198) }
```

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

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

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

Background

The CSS property to change the background color of an element to Yxy 54.7095, 0.3105, 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(195, 195, 198) }
```

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

```
.background{ background-color: rgb(195,  
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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