

Converting Colors

Yxy(54.8037, 0.3104, 0.3242)

Have a look what the booklet for
Yxy(54.8037, 0.3104, 0.3242)
contains.

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Color

Yxy(54.8895, 0.3106, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	C4C3C7
RGB	196, 195, 199
RGB Percent	77%, 76%, 78%
CMY	0.2311, 0.2354, 0.2195
CMYK	0.01, 0.02, 0.00, 0.22
HSL	256°, 3%, 77%
HSV	256°, 2%, 78%
XYZ	52.6031, 54.8895, 61.8671
YIQ	195.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

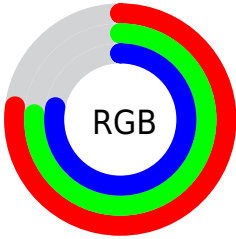
Format	Color
R_{YB}	196, 195, 199
Decimal	12895175
CIE _{Lab}	78.98, 1.13, -1.90
CIE _{LCh}	79, 2.207, 300.723
Yxy	54.8895, 0.3106, 0.3241
Android (android.graphics.Color)	4291085255 (0xFFC4C3C7)
YUV	195.7550, 1.5998, 0.2149
Hunter-Lab	74.0874, -2.9155, 2.3508

Details

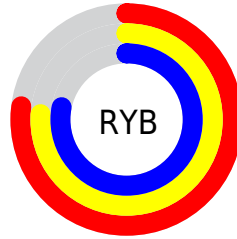
The Yxy color `54.8895, 0.3106, 0.3241` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.7934, 0.3148, 0.3339`, and the grayscale version is `55.0450, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.7235, 0.3116, 0.3261`, and `26.8449, 0.3098, 0.3225` is the 20% darker color. If you saturate the color by 10%, you get `44.7003, 0.2992, 0.2983`, and if you desaturate by 10%, it is `66.4618, 0.3204, 0.3472`.

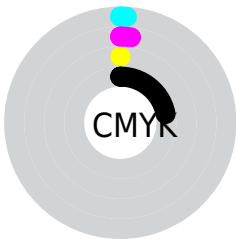
Distribution



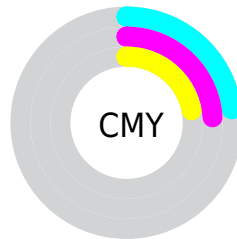
- Red (77%)
- Green (76%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8895, 0.3106, 0.3241 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 54.8895, 0.3106, 0.3241 by changing the saturation by 10% instead.

■ 54.8895, 0.3106,
0.3241

■ 54.8895, 0.3106,
0.3241

405.4929, 0.3116,
0.3265

■ 39.3133, 0.3103,
0.3235

■ 97.3790, 0.3110,
0.3250

■ 27.0035, 0.3100,
0.3228

125.0611, 0.3111,
0.3253

■ 17.5759, 0.3096,
0.3218

157.5473, 0.3112,
0.3256

■ 10.6459, 0.3090,
0.3205

195.2219, 0.3113,
0.3258

■ 5.8293, 0.3082,
0.3187

238.4694, 0.3114,
0.3260

■ 2.7415, 0.3069,
0.3158

287.6741, 0.3115,

■ 0.9983, 0.3046,

0.3262

0.3106

343.2205, 0.3116,
0.3263

0.0000, 0.0000,
0.0000

54.8895, 0.3106,
0.3241

54.8895, 0.3106,
0.3241

44.7003, 0.2992,
0.2983

66.4618, 0.3204,
0.3472

35.8350, 0.2861,
0.2699

79.4592, 0.3288,
0.3676

28.2406, 0.2713,
0.2392

93.9311, 0.3359,
0.3856

21.8578, 0.2550,
0.2069

96.7782, 0.3455,
0.3841

16.6224, 0.2376,
0.1744

96.9045, 0.3460,
0.3840

■ 12.4644, 0.2198,
0.1432

■ 9.3057, 0.2026,
0.1154

■ 7.0573, 0.1871,
0.0930

■ 5.6137, 0.1742,
0.0772

Harmonies

Analogous

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



54.8895, 0.3082, 0.3242



54.8895, 0.3106, 0.3241



54.8895, 0.3135, 0.3253

Triad

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



54.8895, 0.3106, 0.3241



54.8895, 0.3184, 0.3323



54.8895, 0.3092, 0.3306

Complementary

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



54.8895, 0.3106, 0.3241



56.7934, 0.3148, 0.3339

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.



54.8895, 0.3119, 0.3328



54.8895, 0.3106, 0.3241



54.8895, 0.3172, 0.3338

Square

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



54.8895, 0.3106, 0.3241



54.8895, 0.3180, 0.3300



54.8895, 0.3148, 0.3340



54.8895, 0.3074, 0.3280

Rectangle

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



54.8895, 0.3106, 0.3241



54.8895, 0.3154, 0.3266



54.8895, 0.3148, 0.3340



54.8895, 0.3100, 0.3314

Sweetspot

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



54.8919, 0.3106, 0.3241



98.0315, 0.3117, 0.3266



56.0871, 0.3096, 0.3277



21.0035, 0.3117, 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.



54.8919, 0.3106, 0.3241



96.0880, 0.3106, 0.3241



55.1638, 0.3122, 0.3241



12.1407, 0.3108, 0.3245



3.1815, 0.1672, 0.0695



0.1873, 0.1903, 0.0822

Inverse Universe

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



55.2422, 0.3137, 0.3254



96.7013, 0.3137, 0.3254



56.5217, 0.3132, 0.3339



12.2122, 0.3137, 0.3257



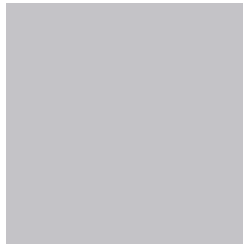
9.1504, 0.4019, 0.1988



0.4449, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 54.8895, 0.3106, 0.3241 looks on a white background.

Color Contrast Check

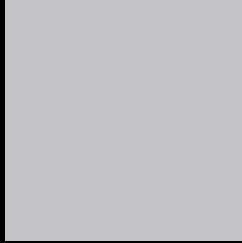
Large Text (above 18pt) WCAG AA × Fail

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 54.8895, 0.3106, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

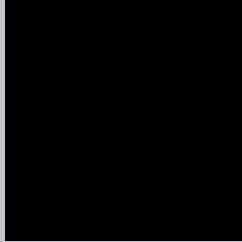
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

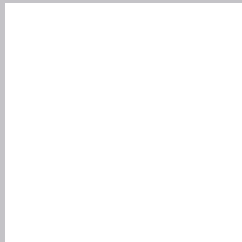
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8895, 0.3106, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 54.8895, 0.3106, 0.3241.

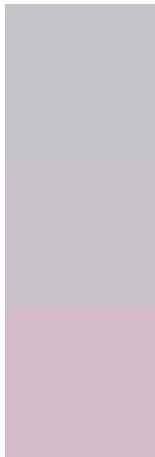


This preview shows how white text looks on a background with the Yxy color 54.8895, 0.3106, 0.3241.

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

54.8895, 0.3106, 0.3241

Protanopia

54.7129, 0.3122, 0.3230

Deuteranopia

54.5624, 0.3232, 0.3162



Tritanopia

54.7491, 0.3049, 0.3099

Trichromacy



Original Color

54.8895, 0.3106, 0.3241

Protanomaly

54.5774, 0.3114, 0.3229

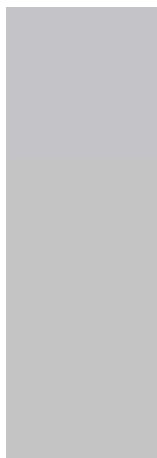
Deuteranomaly

54.5535, 0.3181, 0.3183

Tritanomaly

54.8617, 0.3070, 0.3158

Monochromacy



Original Color

54.8895, 0.3106, 0.3241

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 54.8895, 0.3106, 0.3241 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(196, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 199)  
}
```

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(196, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.8895, 0.3106, 0.3241 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(196, 195, 199) }
```

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

```
.border{ border-color:rgb(196, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 195,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8895, 0.3106, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 199) }
```

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

```
.background{ background-color: rgb(196,  
195, 199) }
```

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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