

Converting Colors

Yxy(54.6409, 0.3083, 0.3147)

Have a look what the booklet for
Yxy(54.6409, 0.3083, 0.3147)
contains.

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Color

Yxy(54.6898, 0.3086, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	C7C1CD
RGB	199, 193, 205
RGB Percent	78%, 76%, 80%
CMY	0.2196, 0.2431, 0.1960
CMYK	0.03, 0.06, 0.00, 0.20
HSL	270°, 11%, 78%
HSV	270°, 6%, 80%
XYZ	53.6468, 54.6898, 65.5026
YIQ	196.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

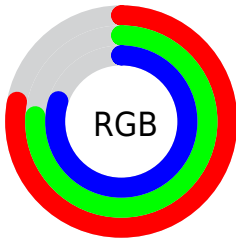
Format	Color
RYB	199, 193, 205
Decimal	13091277
CIELab	78.86, 4.32, -5.28
CIElCh	79, 6.823, 309.304
Yxy	54.6898, 0.3086, 0.3146
Android (android.graphics.Color)	4291281357 (0xFFC7C1CD)
YUV	196.1620, 4.3571, 2.4889
Hunter-Lab	73.9526, 0.0708, -0.7486

Details

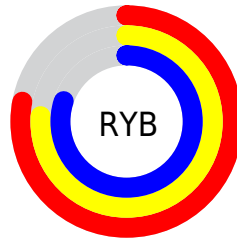
The Yxy color **54.6898, 0.3086, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6701, 0.3166, 0.3434**, and the grayscale version is **55.2803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.0103, 0.3071, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **44.8908, 0.3006, 0.2884**, and if you desaturate by 10%, it is **65.8447, 0.3154, 0.3387**.

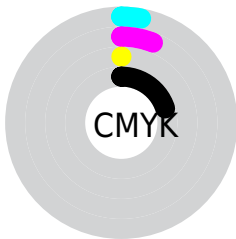
Distribution



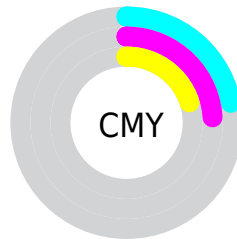
- Red (78%)
- Green (76%)
- Blue (80%)



- Red (78%)
- Yellow (76%)
- Blue (80%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6898, 0.3086, 0.3146 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 54.6898, 0.3086, 0.3146 by changing the saturation by 10% instead.

■ 54.6898, 0.3086,
0.3146

■ 54.6898, 0.3086,
0.3146

404.7350, 0.3106,
0.3216

■ 39.1534, 0.3081,
0.3129

■ 97.0863, 0.3093,
0.3171

■ 26.8791, 0.3075,
0.3108

124.7152, 0.3096,
0.3180

■ 17.4824, 0.3066,
0.3081

157.1438, 0.3098,
0.3188

■ 10.5791, 0.3055,
0.3044

194.7564, 0.3100,
0.3195

■ 5.7845, 0.3038,
0.2991

237.9374, 0.3102,
0.3201

■ 2.7145, 0.3011,
0.2910

287.0713, 0.3104,

■ 0.9846, 0.2962,

0.3207

0.2768

342.5423, 0.3105,
0.3211

0.0000, 0.0000,
0.0000

54.6898, 0.3086,
0.3146

54.6898, 0.3086,
0.3146

44.8908, 0.3006,
0.2884

65.8447, 0.3154,
0.3387

36.3874, 0.2914,
0.2603

78.3987, 0.3211,
0.3605

29.1251, 0.2809,
0.2310

92.4017, 0.3258,
0.3802

23.0429, 0.2692,
0.2013

94.4607, 0.3325,
0.3796

18.0741, 0.2565,
0.1725

96.3072, 0.3392,
0.3785

■ 14.1455, 0.2433,
0.1458

■ 97.1891, 0.3424,
0.3780

■ 11.1746, 0.2301,
0.1229

■ 9.0657, 0.2175,
0.1049

■ 7.7004, 0.2060,
0.0926

Harmonies

Analogous

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



54.6898, 0.3006, 0.3138



54.6898, 0.3086, 0.3146



54.6898, 0.3178, 0.3191

Triad

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



54.6898, 0.3086, 0.3146



54.6898, 0.3298, 0.3409



54.6898, 0.2999, 0.3316

Complementary

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



54.6898, 0.3086, 0.3146



59.6701, 0.3166, 0.3434

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.



54.6898, 0.3075, 0.3392



54.6898, 0.3086, 0.3146



54.6898, 0.3248, 0.3445

Square

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



54.6898, 0.3086, 0.3146



54.6898, 0.3301, 0.3342



54.6898, 0.3167, 0.3439



54.6898, 0.2957, 0.3235

Rectangle

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



54.6898, 0.3086, 0.3146



54.6898, 0.3233, 0.3237



54.6898, 0.3167, 0.3439



54.6898, 0.3021, 0.3344

Sweetspot

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



54.6921, 0.3086, 0.3146



96.3084, 0.3113, 0.3241



56.6916, 0.3038, 0.3220



20.6526, 0.3114, 0.3244



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.



54.6921, 0.3086, 0.3146



87.4808, 0.3077, 0.3115



55.5031, 0.3132, 0.3148



11.5284, 0.3074, 0.3104



4.5754, 0.2031, 0.0892



0.2812, 0.2245, 0.1011

Inverse Universe

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



55.2468, 0.3179, 0.3219



88.5740, 0.3191, 0.3204



58.8895, 0.3122, 0.3436



11.6821, 0.3195, 0.3198



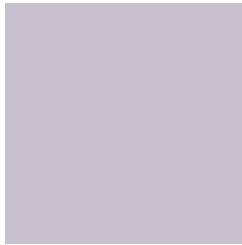
8.7033, 0.4941, 0.2496



0.4643, 0.4513, 0.2260

Previews

White Background



This preview shows how the Yxy color 54.6898, 0.3086, 0.3146 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 54.6898, 0.3086, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

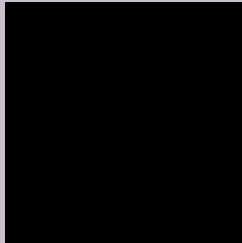
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6898, 0.3086, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 54.6898, 0.3086, 0.3146.

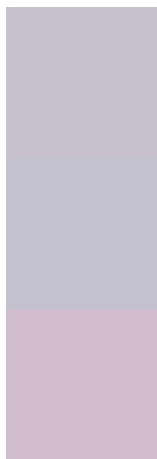


This preview shows how white text looks on a background with the Yxy color 54.6898, 0.3086, 0.3146.

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

54.6898, 0.3086, 0.3146

Protanopia

54.7756, 0.3055, 0.3146

Deuteranopia

54.4067, 0.3161, 0.3091



Tritanopia

54.8361, 0.3064, 0.3111

Trichromacy



Original Color

54.6898, 0.3086, 0.3146

Protanomaly

54.9101, 0.3063, 0.3146

Deuteranomaly

54.2623, 0.3128, 0.3101

Tritanomaly

54.7870, 0.3071, 0.3123

Monochromacy



Original Color

54.6898, 0.3086, 0.3146

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0241, 0.3114, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6898, 0.3086, 0.3146 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(199, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 205)  
}
```

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(199, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.6898, 0.3086, 0.3146 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(199, 193, 205) }
```

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

```
.border{ border-color:rgb(199, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6898, 0.3086, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 205) }
```

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

```
.background{ background-color: rgb(199,  
193, 205) }
```

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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