

Converting Colors

$Y_{xy}(54.6000, 0.2965, 0.3030)$

Have a look what the booklet for
Yxy(54.6000, 0.2965, 0.3030)
contains.

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Color

Yxy(54.8273, 0.2968, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	C1C2D7
RGB	193, 194, 215
RGB Percent	76%, 76%, 84%
CMY	0.2432, 0.2392, 0.1569
CMYK	0.10, 0.10, 0.00, 0.16
HSL	237°, 22%, 80%
HSV	237°, 10%, 84%
XYZ	53.5464, 54.8273, 72.0386
YIQ	196.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

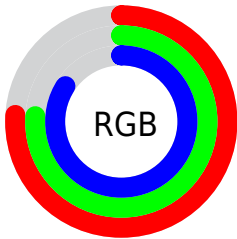
Format	Color
RYB	193, 194, 215
Decimal	12698327
CIELab	78.94, 3.72, -10.58
CIELCh	79, 11.216, 289.377
Yxy	54.8273, 0.2968, 0.3039
Android (android.graphics.Color)	4290888407 (0xFFC1C2D7)
YUV	196.0950, 9.3202, -2.7143
Hunter-Lab	74.0455, -0.4963, -5.8513

Details

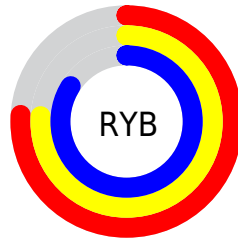
The Yxy color **54.8273, 0.2968, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3713, 0.3280, 0.3529**, and the grayscale version is **55.2084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9152, 0.3098, 0.3242**, and **26.7832, 0.2924, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **43.6998, 0.2793, 0.2761**, and if you desaturate by 10%, it is **67.6295, 0.3124, 0.3285**.

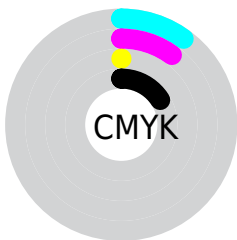
Distribution



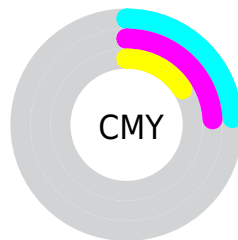
- Red (76%)
- Green (76%)
- Blue (84%)



- Red (76%)
- Yellow (76%)
- Blue (84%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8273, 0.2968, 0.3039 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 54.8273, 0.2968, 0.3039 by changing the saturation by 10% instead.

■ 54.8273, 0.2968,
0.3039

■ 54.8273, 0.2968,
0.3039

405.2570, 0.3046,
0.3160

■ 39.2635, 0.2949,
0.3010

□ 97.2879, 0.2996,
0.3082

■ 26.9648, 0.2925,
0.2974

124.9534, 0.3006,
0.3098

■ 17.5468, 0.2894,
0.2927

157.4216, 0.3015,
0.3112

■ 10.6251, 0.2852,
0.2864

195.0770, 0.3023,
0.3124

■ 5.8153, 0.2792,
0.2774

238.3037, 0.3030,
0.3135

■ 2.7331, 0.2697,
0.2637

287.4864, 0.3036,

■ 0.9940, 0.2531,

0.3144

0.2404

343.0094, 0.3041,
0.3152

0.0000, 0.0000,
0.0000

54.8273, 0.2968,
0.3039

54.8273, 0.2968,
0.3039

43.6998, 0.2793,
0.2761

67.6295, 0.3124,
0.3285

34.1712, 0.2600,
0.2452

82.1644, 0.3260,
0.3499

26.1701, 0.2393,
0.2119

97.6855, 0.3364,
0.3681

19.6170, 0.2182,
0.1775

14.4253, 0.1978,
0.1438

■ 10.4992, 0.1797,
0.1134

■ 7.7302, 0.1652,
0.0887

■ 5.9919, 0.1556,
0.0715

■ 5.1211, 0.1507,
0.0624

Harmonies

Analogous

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



54.8273, 0.2871, 0.3067



54.8273, 0.2968, 0.3039



54.8273, 0.3109, 0.3075

Triad

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



54.8273, 0.2968, 0.3039



54.8273, 0.3421, 0.3413



54.8273, 0.2995, 0.3420

Complementary

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



54.8273, 0.2968, 0.3039



66.3713, 0.3280, 0.3529

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.



54.8273, 0.3140, 0.3519



54.8273, 0.2968, 0.3039



54.8273, 0.3388, 0.3511

Square

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



54.8273, 0.2968, 0.3039



54.8273, 0.3373, 0.3287



54.8273, 0.3284, 0.3551



54.8273, 0.2887, 0.3286

Rectangle

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



54.8273, 0.2968, 0.3039



54.8273, 0.3210, 0.3130



54.8273, 0.3284, 0.3551



54.8273, 0.3041, 0.3459

Sweetspot

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



54.8296, 0.2968, 0.3039



94.0104, 0.3082, 0.3219



64.7782, 0.2978, 0.3302



19.7879, 0.3070, 0.3200



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.



54.8296, 0.2968, 0.3039



77.4227, 0.2936, 0.2989



55.7233, 0.3044, 0.3033



12.0998, 0.2981, 0.3060



3.1059, 0.1509, 0.0631



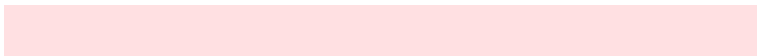
0.2205, 0.1536, 0.0730

Inverse Universe

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



56.4769, 0.3299, 0.3279



80.2673, 0.3335, 0.3277



65.4341, 0.3204, 0.3546



12.4300, 0.3284, 0.3280



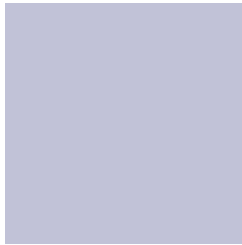
8.6584, 0.6347, 0.3270



0.5256, 0.6184, 0.3180

Previews

White Background



This preview shows how the Yxy color 54.8273, 0.2968, 0.3039 looks on a white background.

Color Contrast Check

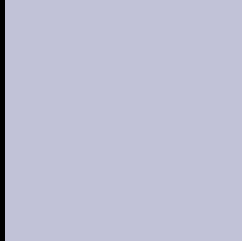
Large Text (above 18pt) WCAG AA × Fail

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 54.8273, 0.2968, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

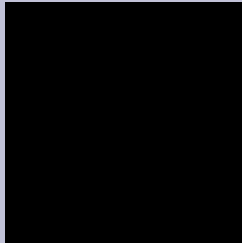
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

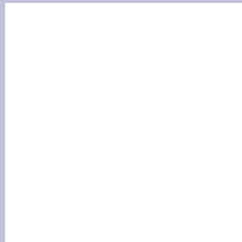
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8273, 0.2968, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 54.8273, 0.2968, 0.3039.



This preview shows how white text looks on a background with the Yxy color 54.8273, 0.2968, 0.3039.

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

54.8273, 0.2968, 0.3039

Protanopia

54.8273, 0.2968, 0.3039

Deuteranopia

54.7639, 0.3054, 0.2987



Tritanopia

54.8898, 0.2995, 0.3109

Trichromacy



Original Color

54.8273, 0.2968, 0.3039

Protanomaly

54.8273, 0.2968, 0.3039

Deuteranomaly

54.6370, 0.3022, 0.2996

Tritanomaly

54.9901, 0.2981, 0.3085

Monochromacy



Original Color

54.8273, 0.2968, 0.3039

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9441, 0.3069, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8273, 0.2968, 0.3039 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(193, 194, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 215)  
}
```

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(193, 194, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.8273, 0.2968, 0.3039 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(193, 194, 215) }
```

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

```
.border{ border-color:rgb(193, 194, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8273, 0.2968, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 215) }
```

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

```
.background{ background-color: rgb(193,  
194, 215) }
```

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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