

Converting Colors

Yxy(54.2243, 0.3045, 0.3151)

Have a look what the booklet for
Yxy(54.2243, 0.3045, 0.3151)
contains.

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Color

Yxy(54.4607, 0.3047, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2CD
RGB	194, 194, 205
RGB Percent	76%, 76%, 80%
CMY	0.2391, 0.2392, 0.1962
CMYK	0.05, 0.05, 0.00, 0.20
HSL	240°, 10%, 78%
HSV	240°, 5%, 80%
XYZ	52.5631, 54.4607, 65.4839
YIQ	195.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

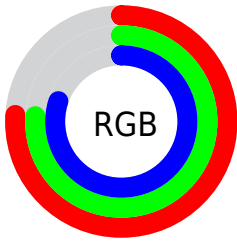
Format	Color
RYB	194, 194, 205
Decimal	12763853
CIELab	78.73, 2.09, -5.49
CIELCh	79, 5.877, 290.856
Yxy	54.4607, 0.3047, 0.3157
Android (android.graphics.Color)	4290953933 (0xFFC2C2CD)
YUV	195.2540, 4.8048, -1.0998
Hunter-Lab	73.7975, -2.0069, -0.9525

Details

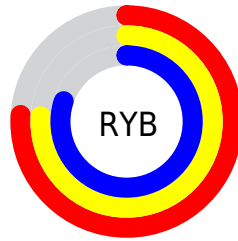
The Yxy color $54.4607, 0.3047, 0.3157$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.5175, 0.3205, 0.3420$, and the grayscale version is $54.7080, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.9152, 0.3098, 0.3242$, and $26.5660, 0.3019, 0.3111$ is the 20% darker color. If you saturate the color by 10%, you get $43.4390, 0.2881, 0.2882$, and if you desaturate by 10%, it is $67.1172, 0.3192, 0.3398$.

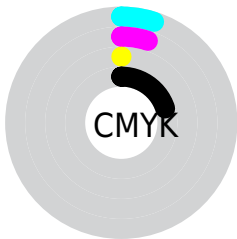
Distribution



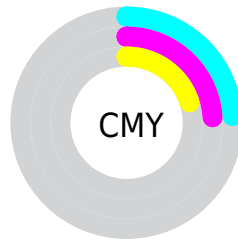
- Red (76%)
- Green (76%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4607, 0.3047, 0.3157 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 54.4607, 0.3047, 0.3157 by changing the saturation by 10% instead.

■ 54.4607, 0.3047,
0.3157

■ 54.4607, 0.3047,
0.3157

403.8644, 0.3086,
0.3222

■ 38.9701, 0.3037,
0.3141

□ 96.7503, 0.3061,
0.3180

■ 26.7365, 0.3025,
0.3122

124.3182, 0.3066,
0.3189

■ 17.3754, 0.3010,
0.3096

156.6806, 0.3071,
0.3196

■ 10.5025, 0.2988,
0.3062

194.2219, 0.3075,
0.3203

■ 5.7334, 0.2957,
0.3012

237.3265, 0.3078,
0.3208

■ 2.6836, 0.2908,
0.2935

286.3789, 0.3081,

■ 0.9689, 0.2819,

0.3213

0.2798

341.7634, 0.3084,
0.3218

0.0000, 0.0000,
0.0000

54.4607, 0.3047,
0.3157

54.4607, 0.3047,
0.3157

43.4390, 0.2881,
0.2882

67.1172, 0.3192,
0.3398

33.9789, 0.2696,
0.2574

81.4639, 0.3317,
0.3606

26.0118, 0.2493,
0.2238

97.1867, 0.3424,
0.3781

19.4616, 0.2279,
0.1885

14.2452, 0.2066,
0.1533

■ 10.2711, 0.1869,
0.1208

■ 7.4363, 0.1705,
0.0936

■ 5.6209, 0.1587,
0.0741

■ 4.6788, 0.1520,
0.0632

Harmonies

Analogous

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



54.4607, 0.2994, 0.3172



54.4607, 0.3047, 0.3157



54.4607, 0.3122, 0.3177

Triad

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



54.4607, 0.3047, 0.3157



54.4607, 0.3281, 0.3359



54.4607, 0.3055, 0.3355

Complementary

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



54.4607, 0.3047, 0.3157



60.5175, 0.3205, 0.3420

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.



54.4607, 0.3131, 0.3407



54.4607, 0.3047, 0.3157



54.4607, 0.3262, 0.3408

Square

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



54.4607, 0.3047, 0.3157



54.4607, 0.3258, 0.3293



54.4607, 0.3207, 0.3426



54.4607, 0.2998, 0.3285

Rectangle

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



54.4607, 0.3047, 0.3157



54.4607, 0.3175, 0.3208



54.4607, 0.3207, 0.3426



54.4607, 0.3079, 0.3375

Sweetspot

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



54.4630, 0.3047, 0.3157



95.8377, 0.3098, 0.3241



59.5275, 0.3045, 0.3290



20.5568, 0.3099, 0.3243



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.



54.4630, 0.3047, 0.3157



87.8452, 0.3036, 0.3138



55.1982, 0.3090, 0.3159



11.5452, 0.3028, 0.3125



2.7475, 0.1501, 0.0601



0.1424, 0.1505, 0.0603

Inverse Universe

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



55.9634, 0.3133, 0.3161



90.6205, 0.3134, 0.3144



59.7556, 0.3163, 0.3421



11.9428, 0.3135, 0.3131



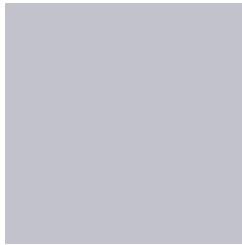
10.8043, 0.3217, 0.1546



0.5576, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 54.4607, 0.3047, 0.3157 looks on a white background.

Color Contrast Check

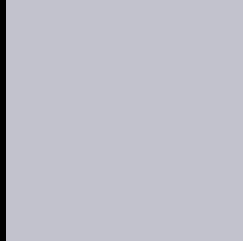
Large Text (above 18pt) WCAG AA × Fail

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 54.4607, 0.3047, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

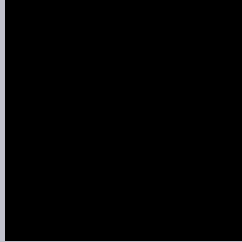
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

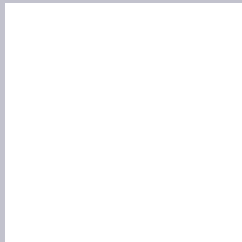
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4607, 0.3047, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 54.4607, 0.3047, 0.3157.

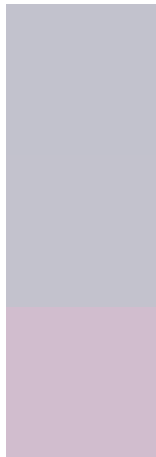


This preview shows how white text looks on a background with the Yxy color 54.4607, 0.3047, 0.3157.

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

54.4607, 0.3047, 0.3157

Protanopia

54.5935, 0.3054, 0.3157

Deuteranopia

54.4067, 0.3161, 0.3091



Tritanopia

54.3455, 0.3026, 0.3098

Trichromacy



Original Color

54.4607, 0.3047, 0.3157

Protanomaly

54.5935, 0.3054, 0.3157

Deuteranomaly

54.5552, 0.3119, 0.3113

Tritanomaly

54.2961, 0.3033, 0.3109

Monochromacy



Original Color

54.4607, 0.3047, 0.3157

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7558, 0.3098, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4607, 0.3047, 0.3157 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(194, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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(194, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.4607, 0.3047, 0.3157 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(194, 194, 205) }
```

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

```
.border{ border-color:rgb(194, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4607, 0.3047, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 205) }
```

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

```
.background{ background-color: rgb(194,  
194, 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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