

Converting Colors

Yxy(54.0893, 0.3015, 0.2931)

Have a look what the booklet for
Yxy(54.0893, 0.3015, 0.2931)
contains.

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Color

Yxy(54.2062, 0.3016, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	CBBDDB
RGB	203, 189, 219
RGB Percent	80%, 74%, 86%
CMY	0.2040, 0.2588, 0.1411
CMYK	0.07, 0.14, 0.00, 0.14
HSL	268°, 29%, 80%
HSV	268°, 14%, 86%
XYZ	55.6074, 54.2062, 74.5612
YIQ	196.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

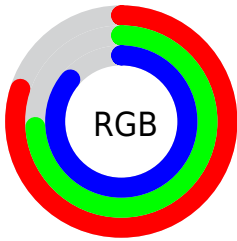
Format	Color
R _Y B	203, 189, 219
Decimal	13352411
CIE Lab	78.58, 10.50, -13.21
CIE LCh	79, 16.879, 308.486
Yxy	54.2062, 0.3016, 0.2940
Android (android.graphics.Color)	4291542491 (0xFFCBBDDDB)
YUV	196.6060, 11.0402, 5.6075
Hunter-Lab	73.6249, 5.9741, -8.5066

Details

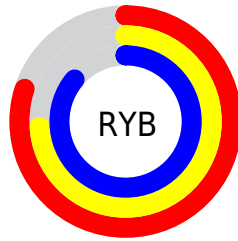
The Yxy color **54.2062, 0.3016, 0.2940** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.3349, 0.3227, 0.3639**, and the grayscale version is **55.5174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **26.6782, 0.2988, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **43.9031, 0.2919, 0.2660**, and if you desaturate by 10%, it is **66.0611, 0.3100, 0.3200**.

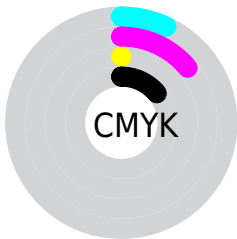
Distribution



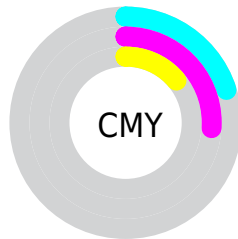
- Red (80%)
- Green (74%)
- Blue (86%)



- Red (80%)
- Yellow (74%)
- Blue (86%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2062, 0.3016, 0.2940 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 54.2062, 0.3016, 0.2940 by changing the saturation by 10% instead.

■ 54.2062, 0.3016,
0.2940

■ 54.2062, 0.3016,
0.2940

402.8958, 0.3071,
0.3107

■ 38.7665, 0.3002,
0.2901

■ 96.3769, 0.3036,
0.2999

■ 26.5782, 0.2985,
0.2852

123.8768, 0.3044,
0.3021

■ 17.2567, 0.2962,
0.2788

156.1655, 0.3050,
0.3041

■ 10.4177, 0.2930,
0.2704

193.6275, 0.3056,
0.3057

■ 5.6767, 0.2883,
0.2586

236.6471, 0.3060,
0.3072

■ 2.6495, 0.2809,
0.2409

285.6088, 0.3064,

■ 0.9516, 0.2674,

0.3085

0.2119

340.8969, 0.3068,
0.3097

■ 0.0000, 0.1247,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2062, 0.3016,
0.2940

■ 54.2062, 0.3016,
0.2940

■ 43.9031, 0.2919,
0.2660

■ 66.0611, 0.3100,
0.3200

■ 35.0784, 0.2808,
0.2365

■ 79.5229, 0.3170,
0.3437

■ 27.6634, 0.2685,
0.2062

■ 94.6529, 0.3230,
0.3650

■ 21.5806, 0.2551,
0.1764

■ 96.9278, 0.3306,
0.3645

■ 16.7452, 0.2411,
0.1485

■ 97.8954, 0.3339,
0.3641

■ 13.0621, 0.2271,
0.1241

■ 10.4215, 0.2137,
0.1046

■ 8.6911, 0.2015,
0.0909

■ 7.9324, 0.1946,
0.0846

Harmonies

Analogous

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



54.2062, 0.2825, 0.2918



54.2062, 0.3016, 0.2940



54.2062, 0.3244, 0.3047

Triad

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



54.2062, 0.3016, 0.2940



54.2062, 0.3554, 0.3574



54.2062, 0.2815, 0.3358

Complementary

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



54.2062, 0.3016, 0.2940



67.3349, 0.3227, 0.3639

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.



54.2062, 0.3002, 0.3553



54.2062, 0.3016, 0.2940



54.2062, 0.3430, 0.3676

Square

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



54.2062, 0.3016, 0.2940



54.2062, 0.3560, 0.3404



54.2062, 0.3227, 0.3671



54.2062, 0.2713, 0.3150

Rectangle

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



54.2062, 0.3016, 0.2940



54.2062, 0.3385, 0.3153



54.2062, 0.3227, 0.3671



54.2062, 0.2870, 0.3428

Sweetspot

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



54.2085, 0.3016, 0.2940



92.6437, 0.3097, 0.3191



59.8457, 0.2915, 0.3130



19.5423, 0.3091, 0.3172



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.



54.2085, 0.3016, 0.2940



72.7678, 0.2994, 0.2874



56.3475, 0.3131, 0.2952



12.9125, 0.3053, 0.3053



4.7666, 0.1962, 0.0854



0.3597, 0.2144, 0.0954

Inverse Universe

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



55.8746, 0.3250, 0.3107



75.5119, 0.3276, 0.3073



65.3604, 0.3121, 0.3650



13.1674, 0.3208, 0.3166



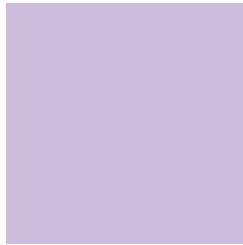
9.7158, 0.4803, 0.2419



0.6468, 0.4472, 0.2237

Previews

White Background



This preview shows how the Yxy color 54.2062, 0.3016, 0.2940 looks on a white background.

Color Contrast Check

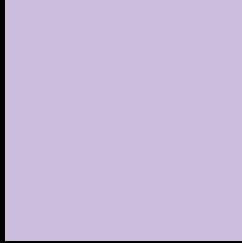
Large Text (above 18pt) WCAG AA × Fail

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 54.2062, 0.3016, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

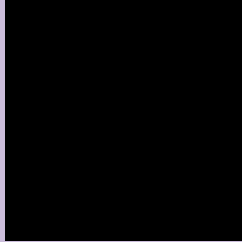
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2062, 0.3016, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 54.2062, 0.3016, 0.2940.



This preview shows how white text looks on a background with the Yxy color 54.2062, 0.3016, 0.2940.

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

54.2062, 0.3016, 0.2940

Protanopia

54.3610, 0.2897, 0.2944

Deuteranopia

54.0662, 0.3009, 0.2939



Tritanopia

54.1353, 0.3095, 0.3111

Trichromacy



Original Color

54.2062, 0.3016, 0.2940

Protanomaly

54.5218, 0.2941, 0.2947

Deuteranomaly

54.0662, 0.3009, 0.2939

Tritanomaly

54.0866, 0.3067, 0.3042

Monochromacy



Original Color

54.2062, 0.3016, 0.2940

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1335, 0.3086, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2062, 0.3016, 0.2940 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(203, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 219)  
}
```

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(203, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 219) }
```

Border

The CSS property to change the border of an element to Yxy 54.2062, 0.3016, 0.2940 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(203, 189, 219) }
```

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

```
.border{ border-color:rgb(203, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2062, 0.3016, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 189, 219) }
```

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

```
.background{ background-color: rgb(203,  
189, 219) }
```

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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