

Converting Colors

Yxy(54.7533, 0.3049, 0.3041)

Have a look what the booklet for
Yxy(54.7533, 0.3049, 0.3041)
contains.

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Color

Yxy(54.9209, 0.3044, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	C9C0D5
RGB	201, 192, 213
RGB Percent	79%, 75%, 84%
CMY	0.2116, 0.2471, 0.1646
CMYK	0.06, 0.10, 0.00, 0.16
HSL	266°, 20%, 79%
HSV	266°, 10%, 84%
XYZ	54.9570, 54.9209, 70.6642
YIQ	197.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

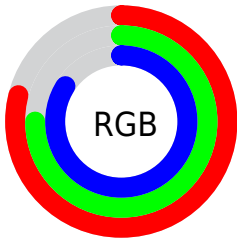
Format	Color
R _Y B	201, 192, 213
Decimal	13222101
CIE Lab	79.00, 7.08, -9.37
CIE LCh	79, 11.748, 307.082
Yxy	54.9209, 0.3044, 0.3042
Android (android.graphics.Color)	4291412181 (0xFFC9C0D5)
YUV	197.0850, 7.8461, 3.4335
Hunter-Lab	74.1086, 2.6808, -4.6582

Details

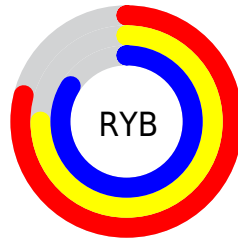
The Yxy color $54.9209, 0.3044, 0.3042$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.2333, 0.3204, 0.3536$, and the grayscale version is $55.8459, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $27.1369, 0.3025, 0.2992$ is the 20% darker color. If you saturate the color by 10%, you get $44.6210, 0.2946, 0.2769$, and if you desaturate by 10%, it is $66.7120, 0.3128, 0.3293$.

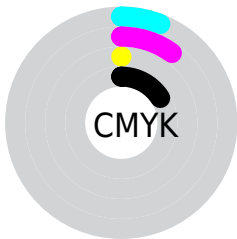
Distribution



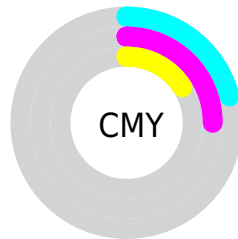
- Red (79%)
- Green (75%)
- Blue (84%)



- Red (79%)
- Yellow (75%)
- Blue (84%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9209, 0.3044, 0.3042 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 54.9209, 0.3044, 0.3042 by changing the saturation by 10% instead.

■ 54.9209, 0.3044,
0.3042

■ 54.9209, 0.3044,
0.3042

405.6120, 0.3085,
0.3161

■ 39.3384, 0.3034,
0.3014

■ 97.4251, 0.3059,
0.3084

■ 27.0231, 0.3021,
0.2978

125.1155, 0.3064,
0.3100

■ 17.5906, 0.3004,
0.2933

157.6107, 0.3069,
0.3114

■ 10.6564, 0.2981,
0.2871

195.2951, 0.3073,
0.3126

■ 5.8363, 0.2947,
0.2784

238.5530, 0.3077,
0.3136

■ 2.7458, 0.2893,
0.2653

287.7688, 0.3080,

■ 1.0005, 0.2796,

0.3145

0.2430

343.3271, 0.3083,
0.3154

0.0000, 0.1118,
0.0000

0.0000, 0.0000,
0.0000

54.9209, 0.3044,
0.3042

54.9209, 0.3044,
0.3042

44.6210, 0.2946,
0.2769

66.7120, 0.3128,
0.3293

35.7443, 0.2834,
0.2476

80.0447, 0.3200,
0.3520

28.2280, 0.2707,
0.2172

94.4036, 0.3261,
0.3716

22.0016, 0.2569,
0.1866

96.5676, 0.3340,
0.3705

■ 16.9882, 0.2424,
0.1573

■ 97.5849, 0.3375,
0.3701

■ 13.1022, 0.2276,
0.1308

■ 10.2465, 0.2133,
0.1088

■ 8.3064, 0.2002,
0.0924

■ 7.0801, 0.1888,
0.0814

Harmonies

Analogous

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



54.9209, 0.2912, 0.3031



54.9209, 0.3044, 0.3042



54.9209, 0.3201, 0.3115

Triad

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



54.9209, 0.3044, 0.3042



54.9209, 0.3424, 0.3485



54.9209, 0.2915, 0.3345

Complementary

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



54.9209, 0.3044, 0.3042



64.2333, 0.3204, 0.3536

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.



54.9209, 0.3048, 0.3476



54.9209, 0.3044, 0.3042



54.9209, 0.3343, 0.3555

Square

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



54.9209, 0.3044, 0.3042



54.9209, 0.3424, 0.3366



54.9209, 0.3205, 0.3553



54.9209, 0.2839, 0.3202

Rectangle

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



54.9209, 0.3044, 0.3042



54.9209, 0.3300, 0.3189



54.9209, 0.3205, 0.3553



54.9209, 0.2955, 0.3392

Sweetspot

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



54.9232, 0.3044, 0.3042



94.3990, 0.3103, 0.3216



59.3169, 0.2975, 0.3186



19.8925, 0.3096, 0.3196



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.



54.9232, 0.3044, 0.3042



78.8505, 0.3023, 0.2982



56.3875, 0.3125, 0.3048



12.2675, 0.3048, 0.3054



4.3733, 0.1901, 0.0821



0.3121, 0.2098, 0.0929

Inverse Universe

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



56.2010, 0.3207, 0.3152



81.1868, 0.3227, 0.3119



62.8366, 0.3128, 0.3542



12.5381, 0.3203, 0.3158



9.5094, 0.4657, 0.2339



0.5900, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 54.9209, 0.3044, 0.3042 looks on a white background.

Color Contrast Check

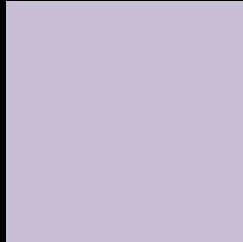
Large Text (above 18pt) WCAG AA × Fail

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 54.9209, 0.3044, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

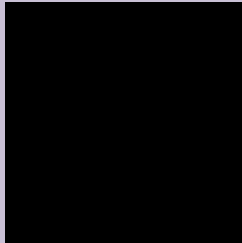
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9209, 0.3044, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 54.9209, 0.3044, 0.3042.



This preview shows how white text looks on a background with the Yxy color 54.9209, 0.3044, 0.3042.

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

54.9209, 0.3044, 0.3042

Protanopia

54.9079, 0.2983, 0.3051

Deuteranopia

54.7528, 0.3084, 0.3022



Tritanopia

54.9734, 0.3072, 0.3112

Trichromacy



Original Color

54.9209, 0.3044, 0.3042

Protanomaly

54.8653, 0.3005, 0.3040

Deuteranomaly

54.9031, 0.3068, 0.3032

Tritanomaly

55.0724, 0.3057, 0.3088

Monochromacy



Original Color

54.9209, 0.3044, 0.3042

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3478, 0.3092, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9209, 0.3044, 0.3042 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(201, 192, 213)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 213)  
}
```

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(201, 192, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 213) }
```

Border

The CSS property to change the border of an element to Yxy 54.9209, 0.3044, 0.3042 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(201, 192, 213) }
```

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

```
.border{ border-color:rgb(201, 192, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9209, 0.3044, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 213) }
```

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

```
.background{ background-color: rgb(201,  
192, 213) }
```

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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