

Converting Colors

Yxy(54.8176, 0.3147, 0.3169)

Have a look what the booklet for
Yxy(54.8176, 0.3147, 0.3169)
contains.

Yxy(54.8009, 0.3149, 0.3171)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8009, 0.3149, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	CCC0CA
RGB	204, 192, 202
RGB Percent	80%, 75%, 79%
CMY	0.1999, 0.2471, 0.2078
CMYK	0.00, 0.06, 0.01, 0.20
HSL	310°, 11%, 78%
HSV	310°, 6%, 80%
XYZ	54.4207, 54.8009, 63.5974
YIQ	196.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

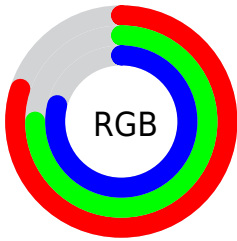
Format	Color
RYB	204, 192, 202
Decimal	13418698
CIELab	78.93, 6.02, -3.52
CIELCh	79, 6.974, 329.725
Yxy	54.8009, 0.3149, 0.3171
Android (android.graphics.Color)	4291608778 (0xFFCCC0CA)
YUV	196.7280, 2.5991, 6.3775
Hunter-Lab	74.0276, 1.6742, 0.8831

Details

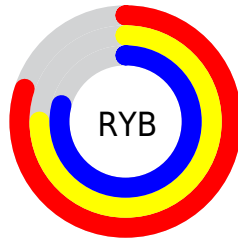
The Yxy color $54.8009, 0.3149, 0.3171$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.3033, 0.3106, 0.3412$, and the grayscale version is $55.6487, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $27.0874, 0.3156, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $46.2961, 0.3190, 0.2963$, and if you desaturate by 10%, it is $64.5561, 0.3113, 0.3370$.

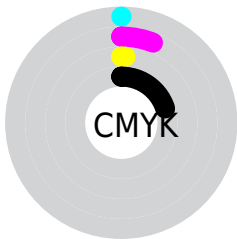
Distribution



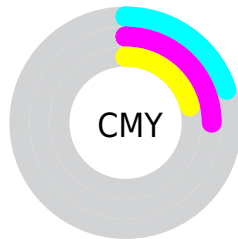
- Red (80%)
- Green (75%)
- Blue (79%)



- Red (80%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8009, 0.3149, 0.3171 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 54.8009, 0.3149, 0.3171 by changing the saturation by 10% instead.

 54.8009, 0.3149,
0.3171

 54.8009, 0.3149,
0.3171

405.1568, 0.3139,
0.3228

 39.2423, 0.3151,
0.3157


 97.2492, 0.3145,
0.3191

 26.9483, 0.3154,
0.3140


124.9077, 0.3144,
0.3199

 17.5344, 0.3158,
0.3117


157.3683, 0.3143,
0.3206

 10.6162, 0.3164,
0.3087

195.0154, 0.3142,
0.3212

 5.8094, 0.3171,
0.3043

238.2334, 0.3141,
0.3217

 2.7295, 0.3182,
0.2976

287.4067, 0.3140,

 0.9922, 0.3200,

0.3221

0.2859

342.9197, 0.3139,
0.3225

0.0000, 0.2264,
0.0000

0.0000, 0.0000,
0.0000

54.8009, 0.3149,
0.3171

54.8009, 0.3149,
0.3171

46.2961, 0.3190,
0.2963

64.5561, 0.3113,
0.3370

38.9837, 0.3238,
0.2751

75.6025, 0.3082,
0.3559

32.8119, 0.3290,
0.2541

87.9878, 0.3056,
0.3734

27.7221, 0.3348,
0.2341

89.3038, 0.3037,
0.3714

■ 23.6506, 0.3410,
0.2161

■ 89.4820, 0.3018,
0.3676

■ 20.5269, 0.3474,
0.2011

■ 89.6639, 0.2999,
0.3638

■ 18.2717, 0.3539,
0.1899

■ 89.8495, 0.2981,
0.3600

■ 16.7926, 0.3603,
0.1830

■ 90.0389, 0.2962,
0.3563

■ 15.9746, 0.3663,
0.1807

■ 90.2320, 0.2944,
0.3526

Harmonies

Analogous

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



54.8009, 0.3057, 0.3136



54.8009, 0.3149, 0.3171



54.8009, 0.3237, 0.3237

Triad

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



54.8009, 0.3149, 0.3171



54.8009, 0.3271, 0.3441



54.8009, 0.2962, 0.3259

Complementary

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



54.8009, 0.3149, 0.3171



58.3033, 0.3106, 0.3412

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.



54.8009, 0.3018, 0.3344



54.8009, 0.3149, 0.3171



54.8009, 0.3196, 0.3450

Square

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



54.8009, 0.3149, 0.3171



54.8009, 0.3308, 0.3392



54.8009, 0.3104, 0.3414



54.8009, 0.2950, 0.3185

Rectangle

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



54.8009, 0.3149, 0.3171



54.8009, 0.3280, 0.3290



54.8009, 0.3104, 0.3414



54.8009, 0.2977, 0.3287

Sweetspot

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



54.8033, 0.3149, 0.3171



96.7342, 0.3134, 0.3250



53.5263, 0.3054, 0.3144



20.7393, 0.3134, 0.3252



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.



54.8033, 0.3149, 0.3171



88.9443, 0.3154, 0.3147



54.5239, 0.3195, 0.3242



11.7342, 0.3155, 0.3138



9.9150, 0.3679, 0.1801



0.5203, 0.3573, 0.1742

Inverse Universe

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



54.8033, 0.3149, 0.3171



88.9443, 0.3154, 0.3147



58.5790, 0.3064, 0.3338



11.7342, 0.3155, 0.3138



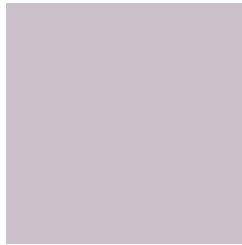
9.9150, 0.3679, 0.1801



0.5203, 0.3573, 0.1742

Previews

White Background



This preview shows how the Yxy color 54.8009, 0.3149, 0.3171 looks on a white background.

Color Contrast Check

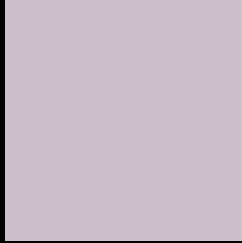
Large Text (above 18pt) WCAG AA × Fail

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 54.8009, 0.3149, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

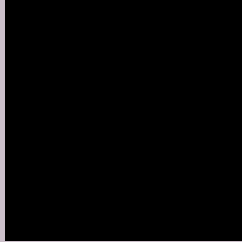
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

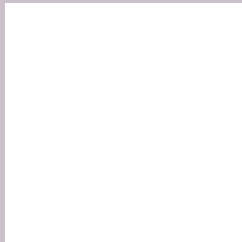
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8009, 0.3149, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 54.8009, 0.3149, 0.3171.



This preview shows how white text looks on a background with the Yxy color 54.8009, 0.3149, 0.3171.

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

54.8009, 0.3149, 0.3171

Protanopia

54.7657, 0.3085, 0.3182

Deuteranopia

54.5559, 0.3200, 0.3127



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.8009, 0.3149, 0.3171

Protanomaly

54.7311, 0.3109, 0.3170

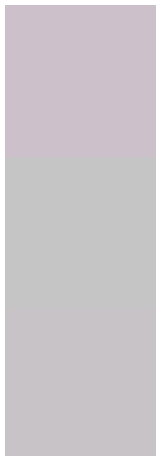
Deuteranomaly

54.5486, 0.3175, 0.3137

Tritanomaly

54.6485, 0.3135, 0.3125

Monochromacy



Original Color

54.8009, 0.3149, 0.3171

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4331, 0.3137, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8009, 0.3149, 0.3171 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(204, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 202)  
}
```

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(204, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.8009, 0.3149, 0.3171 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(204, 192, 202) }
```

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

```
.border{ border-color:rgb(204, 192, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8009, 0.3149, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 202) }
```

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

```
.background{ background-color: rgb(204,  
192, 202) }
```

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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