

Converting Colors

$Y_{xy}(55.0989, 0.3172, 0.3112)$

Have a look what the booklet for
Yxy(55.0989, 0.3172, 0.3112)
contains.

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Color

Yxy(54.9848, 0.3168, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	D2BECE
RGB	210, 190, 206
RGB Percent	82%, 75%, 81%
CMY	0.1767, 0.2548, 0.1922
CMYK	0.00, 0.09, 0.02, 0.18
HSL	312°, 18%, 78%
HSV	312°, 9%, 82%
XYZ	56.1185, 54.9848, 66.0384
YIQ	197.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

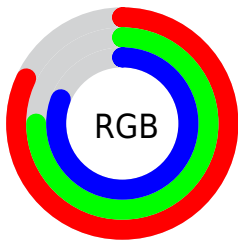
Format	Color
R _Y B	210, 190, 206
Decimal	13811406
CIE Lab	79.03, 9.84, -5.45
CIE LCh	79, 11.245, 331.039
Yxy	54.9848, 0.3168, 0.3104
Android (android.graphics.Color)	4292001486 (0xFFD2BECE)
YUV	197.8040, 4.0406, 10.6959
Hunter-Lab	74.1517, 5.3244, -0.8966

Details

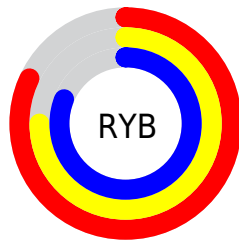
The Yxy color **54.9848, 0.3168, 0.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9096, 0.3089, 0.3483**, and the grayscale version is **56.3159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.1269, 0.3171, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **46.3367, 0.3218, 0.2901**, and if you desaturate by 10%, it is **64.9530, 0.3125, 0.3300**.

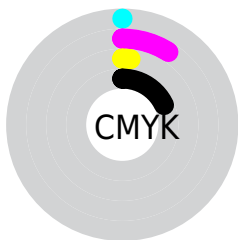
Distribution



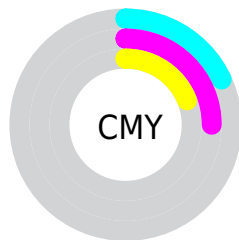
- Red (82%)
- Green (75%)
- Blue (81%)



- Red (82%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9848, 0.3168, 0.3104 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 54.9848, 0.3168, 0.3104 by changing the saturation by 10% instead.

 54.9848, 0.3168,
0.3104

 54.9848, 0.3168,
0.3104


405.8543, 0.3149,
0.3193

 39.3896, 0.3172,
0.3083

 97.5187, 0.3161,
0.3136

 27.0629, 0.3178,
0.3056


125.2261, 0.3159,
0.3148

 17.6205, 0.3185,
0.3022


157.7397, 0.3156,
0.3158

 10.6779, 0.3195,
0.2975

195.4439, 0.3155,
0.3167

 5.8507, 0.3208,
0.2910

238.7231, 0.3153,
0.3175

 2.7545, 0.3227,
0.2810

287.9616, 0.3151,

 1.0049, 0.3258,

0.3182

0.2638

343.5439, 0.3150,
0.3188

0.0000, 0.3439,
0.0000

0.0000, 0.0000,
0.0000

54.9848, 0.3168,
0.3104

54.9848, 0.3168,
0.3104

46.3367, 0.3218,
0.2901

64.9530, 0.3125,
0.3300

38.9459, 0.3274,
0.2695

76.2866, 0.3088,
0.3485

32.7548, 0.3338,
0.2494

89.0376, 0.3057,
0.3658

27.6989, 0.3408,
0.2305

90.5230, 0.3034,
0.3633

■ 23.7074, 0.3482,
0.2139

■ 90.7503, 0.3011,
0.3587

■ 20.7017, 0.3560,
0.2006

■ 90.9831, 0.2988,
0.3542

■ 18.5920, 0.3638,
0.1914

■ 91.2216, 0.2965,
0.3497

■ 17.2724, 0.3714,
0.1867

■ 91.4658, 0.2943,
0.3453

■ 16.5607, 0.3788,
0.1862

■ 91.7156, 0.2920,
0.3409

Harmonies

Analogous

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



54.9848, 0.3019, 0.3045



54.9848, 0.3168, 0.3104



54.9848, 0.3309, 0.3210

Triad

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



54.9848, 0.3168, 0.3104



54.9848, 0.3355, 0.3535



54.9848, 0.2861, 0.3233

Complementary

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



54.9848, 0.3168, 0.3104



60.9096, 0.3089, 0.3483

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.



54.9848, 0.2947, 0.3370



54.9848, 0.3168, 0.3104



54.9848, 0.3231, 0.3548

Square

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



54.9848, 0.3168, 0.3104



54.9848, 0.3418, 0.3456



54.9848, 0.3082, 0.3487



54.9848, 0.2844, 0.3115

Rectangle

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



54.9848, 0.3168, 0.3104



54.9848, 0.3378, 0.3294



54.9848, 0.3082, 0.3487



54.9848, 0.2882, 0.3278

Sweetspot

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



54.9872, 0.3168, 0.3104



95.1183, 0.3140, 0.3231



52.9154, 0.3009, 0.3049



20.0870, 0.3143, 0.3216



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.



54.9872, 0.3168, 0.3104



83.0371, 0.3176, 0.3071



54.5323, 0.3243, 0.3216



11.9671, 0.3168, 0.3106



10.1034, 0.3781, 0.1857



0.5754, 0.3657, 0.1788

Inverse Universe

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



54.9872, 0.3168, 0.3104



83.0371, 0.3176, 0.3071



61.3575, 0.3024, 0.3365



11.9671, 0.3168, 0.3106



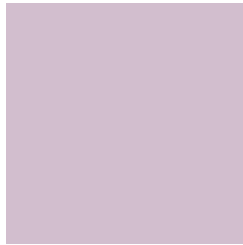
10.1034, 0.3781, 0.1857



0.5754, 0.3657, 0.1788

Previews

White Background



This preview shows how the Yxy color 54.9848, 0.3168, 0.3104 looks on a white background.

Color Contrast Check

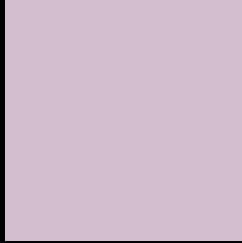
Large Text (above 18pt) WCAG AA × Fail

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 54.9848, 0.3168, 0.3104 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 54.9848, 0.3168, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 54.9848, 0.3168, 0.3104.



This preview shows how white text looks on a background with the Yxy color 54.9848, 0.3168, 0.3104.

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

54.9848, 0.3168, 0.3104

Protanopia

55.2358, 0.3026, 0.3122

Deuteranopia

54.9848, 0.3168, 0.3104



Tritanopia

54.9363, 0.3176, 0.3115

Trichromacy



Original Color

54.9848, 0.3168, 0.3104

Protanomaly

54.9734, 0.3072, 0.3112

Deuteranomaly

54.9848, 0.3168, 0.3104

Tritanomaly

54.9363, 0.3176, 0.3115

Monochromacy



Original Color

54.9848, 0.3168, 0.3104

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8038, 0.3138, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9848, 0.3168, 0.3104 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(210, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 190, 206)  
}
```

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(210, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 190, 206) }
```

Border

The CSS property to change the border of an element to Yxy 54.9848, 0.3168, 0.3104 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(210, 190, 206) }
```

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

```
.border{ border-color:rgb(210, 190, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 190,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9848, 0.3168, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 190, 206) }
```

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

```
.background{ background-color: rgb(210,  
190, 206) }
```

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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