

Converting Colors

$Y_{xy}(55.3875, 0.3245, 0.3163)$

Have a look what the booklet for
Yxy(55.3875, 0.3245, 0.3163)
contains.

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Color

Yxy(55.4910, 0.3248, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	D7BEC9
RGB	215, 190, 201
RGB Percent	84%, 75%, 79%
CMY	0.1568, 0.2549, 0.2118
CMYK	0.00, 0.12, 0.07, 0.16
HSL	334°, 24%, 79%
HSV	334°, 12%, 84%
XYZ	56.9822, 55.4910, 62.9647
YIQ	198.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

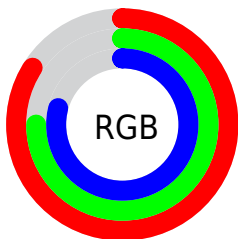
Format	Color
R_{YB}	215, 190, 201
Decimal	14139081
CIE _{Lab}	79.32, 10.73, -2.28
CIE _{LCh}	79, 10.966, 348.024
Yxy	55.4910, 0.3248, 0.3163
Android (android.graphics.Color)	4292329161 (0xFFD7BEC9)
YUV	198.7290, 1.1196, 14.2697
Hunter-Lab	74.4923, 6.1805, 2.0297

Details

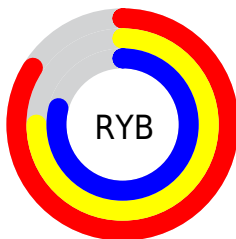
The Yxy color **55.4910, 0.3248, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9138, 0.3021, 0.3421**, and the grayscale version is **56.9288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.4715, 0.3278, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **46.3113, 0.3376, 0.3047**, and if you desaturate by 10%, it is **66.0939, 0.3142, 0.3273**.

Distribution



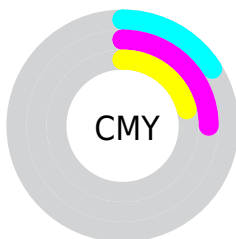
- Red (84%)
- Green (75%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4910, 0.3248, 0.3163 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 55.4910, 0.3248, 0.3163 by changing the saturation by 10% instead.

 55.4910, 0.3248,
0.3163

 55.4910, 0.3248,
0.3163

407.7705, 0.3190,
0.3224

 39.7950, 0.3262,
0.3148


 98.2600, 0.3227,
0.3185

 27.3787, 0.3280,
0.3130


126.1017, 0.3219,
0.3193

 17.8579, 0.3303,
0.3106


158.7608, 0.3213,
0.3200

 10.8480, 0.3334,
0.3074

196.6216, 0.3207,
0.3206

 5.9647, 0.3379,
0.3028

240.0686, 0.3202,
0.3212

 2.8236, 0.3448,
0.2957

289.4862, 0.3197,

 1.0404, 0.3570,

0.3216

0.2835

345.2587, 0.3193,
0.3220

0.0000, 0.7110,
0.0000

0.0000, 0.0000,
0.0000

55.4910, 0.3248,
0.3163

55.4910, 0.3248,
0.3163

46.3113, 0.3376,
0.3047

66.0939, 0.3142,
0.3273

38.4867, 0.3530,
0.2929

78.1700, 0.3056,
0.3375

31.9541, 0.3714,
0.2812

91.7758, 0.2984,
0.3470

26.6426, 0.3930,
0.2704

92.8197, 0.2919,
0.3349

■ 22.4746, 0.4176,
0.2616

■ 93.1886, 0.2889,
0.3289

■ 19.3633, 0.4447,
0.2560

■ 17.2092, 0.4732,
0.2548

■ 15.8934, 0.5014,
0.2589

■ 15.2667, 0.5237,
0.2659

Harmonies

Analogous

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



55.4910, 0.3103, 0.3078



55.4910, 0.3248, 0.3163



55.4910, 0.3362, 0.3281

Triad

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



55.4910, 0.3248, 0.3163



55.4910, 0.3286, 0.3544



55.4910, 0.2850, 0.3165

Complementary

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



55.4910, 0.3248, 0.3163



63.9138, 0.3021, 0.3421

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.



55.4910, 0.2897, 0.3292



55.4910, 0.3248, 0.3163



55.4910, 0.3146, 0.3516

Square

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



55.4910, 0.3248, 0.3163



55.4910, 0.3384, 0.3502



55.4910, 0.3004, 0.3422



55.4910, 0.2875, 0.3076

Rectangle

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



55.4910, 0.3248, 0.3163



55.4910, 0.3404, 0.3365



55.4910, 0.3004, 0.3422



55.4910, 0.2858, 0.3205

Sweetspot

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



55.4934, 0.3248, 0.3163



94.9428, 0.3156, 0.3258



54.5376, 0.3051, 0.2997



20.0396, 0.3164, 0.3249



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.



55.4934, 0.3248, 0.3163



78.0778, 0.3278, 0.3135



55.5382, 0.3333, 0.3305



12.5106, 0.3223, 0.3188



9.1509, 0.5200, 0.2638



0.5684, 0.4771, 0.2402

Inverse Universe

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



55.4934, 0.3248, 0.3163



78.0778, 0.3278, 0.3135



63.8260, 0.2950, 0.3275



12.5106, 0.3223, 0.3188



9.1509, 0.5200, 0.2638



0.5684, 0.4771, 0.2402

Previews

White Background



This preview shows how the Yxy color 55.4910, 0.3248, 0.3163 looks on a white background.

Color Contrast Check

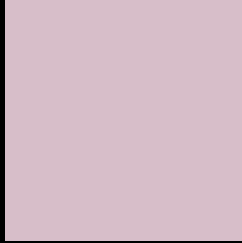
Large Text (above 18pt) WCAG AA × Fail

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 55.4910, 0.3248, 0.3163 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 55.4910, 0.3248, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 55.4910, 0.3248, 0.3163.



This preview shows how white text looks on a background with the Yxy color 55.4910, 0.3248, 0.3163.

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

55.4910, 0.3248, 0.3163

Protanopia

55.8453, 0.3084, 0.3194

Deuteranopia

55.7748, 0.3239, 0.3174



Tritanopia

55.2019, 0.3225, 0.3117

Trichromacy



Original Color

55.4910, 0.3248, 0.3163

Protanomaly

55.7327, 0.3140, 0.3184

Deuteranomaly

55.7748, 0.3239, 0.3174

Tritanomaly

55.1541, 0.3233, 0.3128

Monochromacy



Original Color

55.4910, 0.3248, 0.3163

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6291, 0.3169, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4910, 0.3248, 0.3163 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(215, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(215, 190, 201)  
}
```

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(215, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 190, 201) }
```

Border

The CSS property to change the border of an element to Yxy 55.4910, 0.3248, 0.3163 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(215, 190, 201) }
```

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

```
.border{ border-color:rgb(215, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(215, 190,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4910, 0.3248, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 190, 201) }
```

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

```
.background{ background-color: rgb(215,  
190, 201) }
```

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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