

Converting Colors

$Yxy(50.9555, 0.3399, 0.3255)$

Have a look what the booklet for
Yxy(50.9555, 0.3399, 0.3255)
contains.

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Color

Yxy(50.9555, 0.3399, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D7B5B8
RGB	215, 181, 184
RGB Percent	84%, 71%, 72%
CMY	0.1567, 0.2902, 0.2784
CMYK	0.00, 0.16, 0.14, 0.16
HSL	355°, 30%, 78%
HSV	355°, 16%, 84%
XYZ	53.2098, 50.9555, 52.3801
YIQ	191.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

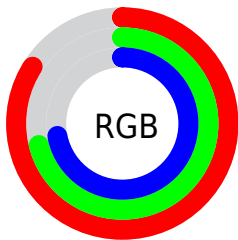
Format	Color
R _Y B	215, 181, 184
Decimal	14136760
CIE Lab	76.65, 12.72, 3.03
CIE LCh	77, 13.080, 13.413
Yxy	50.9555, 0.3399, 0.3255
Android (android.graphics.Color)	4292326840 (0xFFD7B5B8)
YUV	191.5080, -3.7014, 20.6025
Hunter-Lab	71.3831, 8.1354, 6.4619

Details

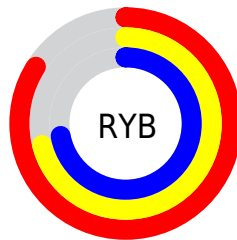
The Yxy color **50.9555, 0.3399, 0.3255** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2009, 0.2907, 0.3326**, and the grayscale version is **52.4277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1196, 0.3229, 0.3261**, and **24.5506, 0.3477, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **42.1119, 0.3626, 0.3231**, and if you desaturate by 10%, it is **61.2673, 0.3217, 0.3278**.

Distribution



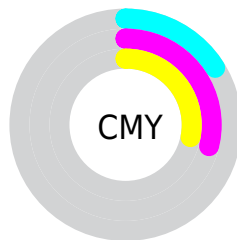
- Red (84%)
- Green (71%)
- Blue (72%)



- Red (84%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9555, 0.3399, 0.3255 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 50.9555, 0.3399, 0.3255 by changing the saturation by 10% instead.


 50.9555, 0.3399,
0.3255

 50.9555, 0.3399,
0.3255


390.3909, 0.3265,
0.3273

 36.1732, 0.3432,
0.3250


 91.5890, 0.3350,
0.3262

 24.5680, 0.3475,
0.3244


118.2090, 0.3332,
0.3264

 15.7555, 0.3531,
0.3235


149.5436, 0.3317,
0.3266

 9.3513, 0.3608,
0.3223

185.9773, 0.3303,
0.3268

 4.9710, 0.3722,
0.3204

227.8945, 0.3292,
0.3270

 2.2303, 0.3907,
0.3170

275.6796, 0.3281,

 0.7364, 0.4353,

0.3271

0.3136

329.7169, 0.3273,
0.3272

0.0000, 0.0000,
0.0000

50.9555, 0.3399,
0.3255

50.9555, 0.3399,
0.3255

42.1119, 0.3626,
0.3231

61.2673, 0.3217,
0.3278

34.6632, 0.3907,
0.3208

73.1025, 0.3070,
0.3299

28.5403, 0.4249,
0.3186

86.5220, 0.2952,
0.3318

23.6654, 0.4650,
0.3171

93.1938, 0.2889,
0.3289

19.9524, 0.5096,
0.3165

■ 17.3045, 0.5549,
0.3174

■ 15.6093, 0.5949,
0.3200

■ 14.7283, 0.6233,
0.3240

■ 14.5010, 0.6314,
0.3252

Harmonies

Analogous

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



50.9555, 0.3249, 0.3115



50.9555, 0.3399, 0.3255



50.9555, 0.3475, 0.3407

Triad

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



50.9555, 0.3399, 0.3255



50.9555, 0.3178, 0.3580



50.9555, 0.2809, 0.3040

Complementary

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



50.9555, 0.3399, 0.3255



63.2009, 0.2907, 0.3326

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.



50.9555, 0.2792, 0.3157



50.9555, 0.3399, 0.3255



50.9555, 0.3001, 0.3475

Square

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



50.9555, 0.3399, 0.3255



50.9555, 0.3344, 0.3600



50.9555, 0.2861, 0.3317



50.9555, 0.2909, 0.2992

Rectangle

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



50.9555, 0.3399, 0.3255



50.9555, 0.3472, 0.3497



50.9555, 0.2861, 0.3317



50.9555, 0.2793, 0.3072

Sweetspot

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



50.9578, 0.3399, 0.3255



91.4072, 0.3204, 0.3279



51.8951, 0.3117, 0.2897



19.3163, 0.3215, 0.3278



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.



50.9578, 0.3399, 0.3255



70.3631, 0.3470, 0.3247



56.6457, 0.3400, 0.3451



12.4385, 0.3277, 0.3270



8.6760, 0.6294, 0.3241



0.5296, 0.6001, 0.3080

Inverse Universe

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



50.9578, 0.3399, 0.3255



70.3631, 0.3470, 0.3247



56.7014, 0.2882, 0.3124



12.4385, 0.3277, 0.3270



8.6760, 0.6294, 0.3241



0.5296, 0.6001, 0.3080

Previews

White Background



This preview shows how the Yxy color 50.9555, 0.3399, 0.3255 looks on a white background.

Color Contrast Check

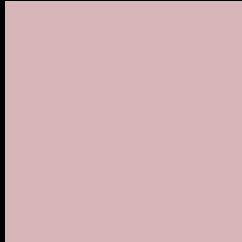
Large Text (above 18pt) WCAG AA × Fail

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 50.9555, 0.3399, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

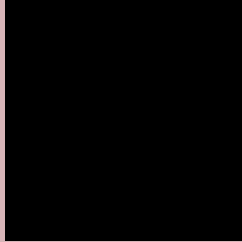
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9555, 0.3399, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 50.9555, 0.3399, 0.3255.



This preview shows how white text looks on a background with the Yxy color 50.9555, 0.3399, 0.3255.

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

50.9555, 0.3399, 0.3255

Protanopia

50.9347, 0.3169, 0.3290

Deuteranopia

51.0293, 0.3352, 0.3279



Tritanopia

51.0917, 0.3333, 0.3138

Trichromacy



Original Color

50.9555, 0.3399, 0.3255

Protanomaly

50.7033, 0.3247, 0.3266

Deuteranomaly

50.9136, 0.3371, 0.3267

Tritanomaly

50.9592, 0.3358, 0.3173

Monochromacy



Original Color

50.9555, 0.3399, 0.3255

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9199, 0.3219, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9555, 0.3399, 0.3255 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, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(215, 181, 184)  
}
```

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, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.9555, 0.3399, 0.3255 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, 181, 184) }
```

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

```
.border{ border-color:rgb(215, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(215, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9555, 0.3399, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 181, 184) }
```

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

```
.background{ background-color: rgb(215,  
181, 184) }
```

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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