

Converting Colors

Yxy(55.9642, 0.3305, 0.3199)

Have a look what the booklet for
Yxy(55.9642, 0.3305, 0.3199)
contains.

Yxy(55.9642, 0.3305, 0.3199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.9642, 0.3305, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	DBBEC6
RGB	219, 190, 198
RGB Percent	86%, 75%, 78%
CMY	0.1411, 0.2549, 0.2237
CMYK	0.00, 0.13, 0.10, 0.14
HSL	344°, 29%, 80%
HSV	344°, 13%, 86%
XYZ	57.8186, 55.9642, 61.1600
YIQ	199.5830, 14.7160, 8.6360

Conversions

Conversions Part 2

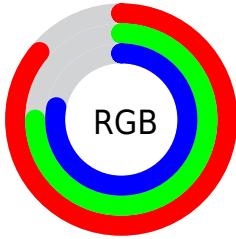
Format	Color
R _Y B	219, 190, 198
Decimal	14401222
CIE Lab	79.59, 11.61, -0.20
CIE LCh	80, 11.617, 359.003
Yxy	55.9642, 0.3305, 0.3199
Android (android.graphics.Color)	4292591302 (0xFFDBBEC6)
YUV	199.5830, -0.7804, 17.0287
Hunter-Lab	74.8092, 7.0430, 3.8941

Details

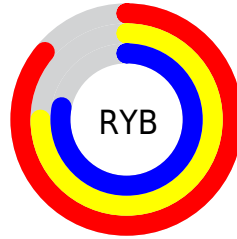
The Yxy color **55.9642, 0.3305, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3214, 0.2976, 0.3383**, and the grayscale version is **57.4881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.7975, 0.3355, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **46.4862, 0.3476, 0.3126**, and if you desaturate by 10%, it is **66.9496, 0.3166, 0.3269**.

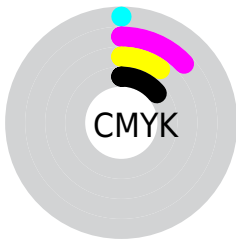
Distribution



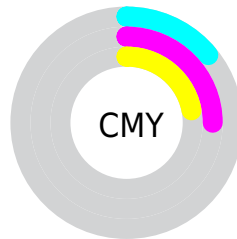
- Red (86%)
- Green (75%)
- Blue (78%)



- Red (86%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (14%)




- Cyan (14%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9642, 0.3305, 0.3199 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 55.9642, 0.3305, 0.3199 by changing the saturation by 10% instead.


 55.9642, 0.3305,
0.3199

 55.9642, 0.3305,
0.3199

409.5566, 0.3219,
0.3243

 40.1742, 0.3326,
0.3188

 98.9522, 0.3274,
0.3215

 27.6744, 0.3352,
0.3175


126.9191, 0.3263,
0.3221

 18.0804, 0.3386,
0.3157


159.7137, 0.3253,
0.3226

 11.0077, 0.3433,
0.3134

197.7204, 0.3244,
0.3230

 6.0720, 0.3500,
0.3099

241.3236, 0.3236,
0.3234

 2.8889, 0.3604,
0.3046

290.9078, 0.3230,

 1.0740, 0.3789,

0.3238

0.2952

346.8573, 0.3224,
0.3241

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9642, 0.3305,
0.3199

55.9642, 0.3305,
0.3199

46.4862, 0.3476,
0.3126

66.9496, 0.3166,
0.3269

38.4423, 0.3684,
0.3051

79.4967, 0.3054,
0.3333

31.7645, 0.3937,
0.2978

93.2130, 0.2962,
0.3385

26.3762, 0.4237,
0.2915

93.8015, 0.2912,
0.3289

■ 22.1929, 0.4580,
0.2870

■ 19.1204, 0.4955,
0.2854

■ 17.0499, 0.5333,
0.2879

■ 15.8505, 0.5677,
0.2949

■ 15.3890, 0.5877,
0.3011

Harmonies

Analogous

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



55.9642, 0.3158, 0.3093



55.9642, 0.3305, 0.3199



55.9642, 0.3404, 0.3329

Triad

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



55.9642, 0.3305, 0.3199



55.9642, 0.3244, 0.3557



55.9642, 0.2836, 0.3117

Complementary

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



55.9642, 0.3305, 0.3199



66.3214, 0.2976, 0.3383

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.



55.9642, 0.2857, 0.3240



55.9642, 0.3305, 0.3199



55.9642, 0.3091, 0.3499

Square

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



55.9642, 0.3305, 0.3199



55.9642, 0.3368, 0.3538



55.9642, 0.2950, 0.3382



55.9642, 0.2889, 0.3044

Rectangle

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



55.9642, 0.3305, 0.3199



55.9642, 0.3429, 0.3415



55.9642, 0.2950, 0.3382



55.9642, 0.2834, 0.3154

Sweetspot

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



55.9667, 0.3305, 0.3199



93.1964, 0.3176, 0.3263



55.7626, 0.3077, 0.2958



19.6826, 0.3186, 0.3258



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.



55.9667, 0.3305, 0.3199



74.9125, 0.3351, 0.3178



58.3903, 0.3359, 0.3363



13.1100, 0.3249, 0.3226



9.1400, 0.5839, 0.2990



0.6066, 0.5370, 0.2732

Inverse Universe

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



55.9667, 0.3305, 0.3199



74.9125, 0.3351, 0.3178



63.5133, 0.2924, 0.3216



13.1100, 0.3249, 0.3226



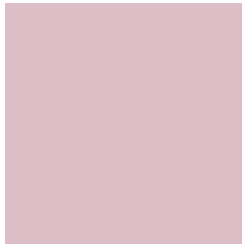
9.1400, 0.5839, 0.2990



0.6066, 0.5370, 0.2732

Previews

White Background



This preview shows how the Yxy color 55.9642, 0.3305, 0.3199 looks on a white background.

Color Contrast Check

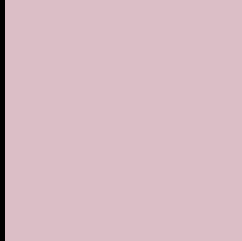
Large Text (above 18pt) WCAG AA × Fail

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 55.9642, 0.3305, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

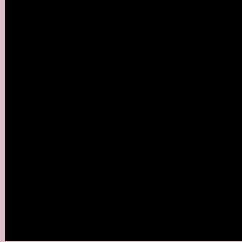
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9642, 0.3305, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 55.9642, 0.3305, 0.3199.



This preview shows how white text looks on a background with the Yxy color 55.9642, 0.3305, 0.3199.

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

55.9642, 0.3305, 0.3199

Protanopia

56.0235, 0.3115, 0.3218

Deuteranopia

55.9378, 0.3279, 0.3209



Tritanopia

55.9705, 0.3267, 0.3119

Trichromacy



Original Color

55.9642, 0.3305, 0.3199

Protanomaly

56.0660, 0.3179, 0.3208

Deuteranomaly

56.0905, 0.3287, 0.3210

Tritanomaly

55.8751, 0.3282, 0.3142

Monochromacy



Original Color

55.9642, 0.3305, 0.3199

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8688, 0.3193, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9642, 0.3305, 0.3199 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(219, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 198)  
}
```

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(219, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 55.9642, 0.3305, 0.3199 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(219, 190, 198) }
```

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

```
.border{ border-color:rgb(219, 190, 198) }
```

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

Here you see how a box with a 4 pixel rgb(219, 190, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9642, 0.3305, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 198) }
```

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

```
.background{ background-color: rgb(219,  
190, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor