

Converting Colors

$Y_{xy}(55.2365, 0.3201, 0.3222)$

Have a look what the booklet for
Yxy(55.2365, 0.3201, 0.3222)
contains.

Yxy(55.0419, 0.3204, 0.3219)	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(55.0419, 0.3204, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	CFC0C6
RGB	207, 192, 198
RGB Percent	81%, 75%, 78%
CMY	0.1880, 0.2471, 0.2235
CMYK	0.00, 0.07, 0.04, 0.19
HSL	336°, 14%, 78%
HSV	336°, 7%, 81%
XYZ	54.7854, 55.0419, 61.1634
YIQ	197.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

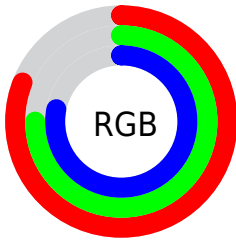
Format	Color
R _Y B	207, 192, 198
Decimal	13615302
CIE Lab	79.07, 6.35, -1.12
CIE LCh	79, 6.446, 350.034
Yxy	55.0419, 0.3204, 0.3219
Android (android.graphics.Color)	4291805382 (0xFFCFC0C6)
YUV	197.1690, 0.4097, 8.6218
Hunter-Lab	74.1902, 1.9796, 3.0537

Details

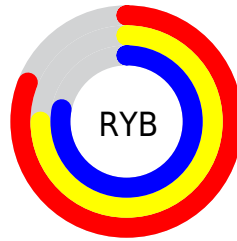
The Yxy color **55.0419, 0.3204, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0745, 0.3056, 0.3362**, and the grayscale version is **55.9413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.2512, 0.3229, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **46.0324, 0.3329, 0.3116**, and if you desaturate by 10%, it is **65.3824, 0.3101, 0.3316**.

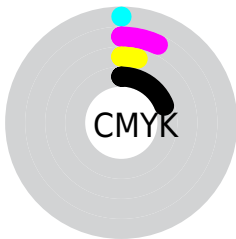
Distribution



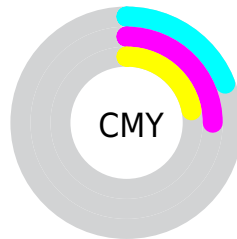
- Red (81%)
- Green (75%)
- Blue (78%)



- Red (81%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0419, 0.3204, 0.3219 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 55.0419, 0.3204, 0.3219 by changing the saturation by 10% instead.

 55.0419, 0.3204,
0.3219

 55.0419, 0.3204,
0.3219

406.0707, 0.3167,
0.3253

 39.4353, 0.3213,
0.3211

 97.6023, 0.3191,
0.3231

 27.0985, 0.3224,
0.3200


125.3249, 0.3186,
0.3236

 17.6472, 0.3239,
0.3187


157.8550, 0.3181,
0.3240

 10.6970, 0.3259,
0.3168

195.5769, 0.3178,
0.3243

 5.8635, 0.3288,
0.3142

238.8750, 0.3174,
0.3246

 2.7622, 0.3334,
0.3100

288.1338, 0.3172,

 1.0089, 0.3415,

0.3249

0.3027

343.7375, 0.3169,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0419, 0.3204,
0.3219

55.0419, 0.3204,
0.3219

46.0324, 0.3329,
0.3116

65.3824, 0.3101,
0.3316

38.2924, 0.3481,
0.3009

77.0979, 0.3017,
0.3405

31.7664, 0.3665,
0.2902

90.2389, 0.2947,
0.3488

26.3919, 0.3882,
0.2799

91.5551, 0.2882,
0.3365

■ 22.1006, 0.4135,
0.2711

■ 92.0129, 0.2844,
0.3289

■ 18.8172, 0.4419,
0.2648

■ 16.4563, 0.4724,
0.2624

■ 14.9183, 0.5033,
0.2648

■ 14.0681, 0.5323,
0.2724

Harmonies

Analogous

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



55.0419, 0.3119, 0.3166



55.0419, 0.3204, 0.3219



55.0419, 0.3269, 0.3291

Triad

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



55.0419, 0.3204, 0.3219



55.0419, 0.3216, 0.3439



55.0419, 0.2962, 0.3213

Complementary

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



55.0419, 0.3204, 0.3219



60.0745, 0.3056, 0.3362

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.



55.0419, 0.2988, 0.3287



55.0419, 0.3204, 0.3219



55.0419, 0.3133, 0.3419

Square

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



55.0419, 0.3204, 0.3219



55.0419, 0.3276, 0.3418



55.0419, 0.3050, 0.3363



55.0419, 0.2980, 0.3161

Rectangle

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



55.0419, 0.3204, 0.3219



55.0419, 0.3291, 0.3341



55.0419, 0.3050, 0.3363



55.0419, 0.2966, 0.3236

Sweetspot

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



55.0443, 0.3204, 0.3219



96.5933, 0.3147, 0.3271



54.6228, 0.3087, 0.3111



20.7106, 0.3146, 0.3272



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.



55.0443, 0.3204, 0.3219



85.3650, 0.3225, 0.3201



55.4371, 0.3249, 0.3308



11.8853, 0.3229, 0.3198



8.7654, 0.5364, 0.2729



0.5056, 0.4879, 0.2461

Inverse Universe

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



55.0443, 0.3204, 0.3219



85.3650, 0.3225, 0.3201



59.6365, 0.3015, 0.3272



11.8853, 0.3229, 0.3198



8.7654, 0.5364, 0.2729



0.5056, 0.4879, 0.2461

Previews

White Background



This preview shows how the Yxy color 55.0419, 0.3204, 0.3219 looks on a white background.

Color Contrast Check

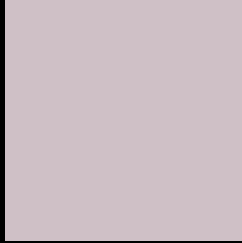
Large Text (above 18pt) WCAG AA × Fail

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 55.0419, 0.3204, 0.3219 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

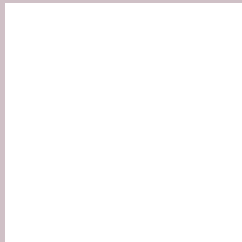
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0419, 0.3204, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 55.0419, 0.3204, 0.3219.



This preview shows how white text looks on a background with the Yxy color 55.0419, 0.3204, 0.3219.

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

55.0419, 0.3204, 0.3219

Protanopia

55.2061, 0.3114, 0.3230

Deuteranopia

55.0503, 0.3255, 0.3197



Tritanopia

55.1277, 0.3152, 0.3114

Trichromacy



Original Color

55.0419, 0.3204, 0.3219

Protanomaly

55.1246, 0.3146, 0.3230

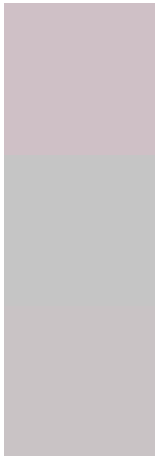
Deuteranomaly

55.1877, 0.3237, 0.3208

Tritanomaly

54.9833, 0.3174, 0.3149

Monochromacy



Original Color

55.0419, 0.3204, 0.3219

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4789, 0.3160, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0419, 0.3204, 0.3219 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(207, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 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(207, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 198) }
```

Border

The CSS property to change the border of an element to Yxy 55.0419, 0.3204, 0.3219 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(207, 192, 198) }
```

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

```
.border{ border-color:rgb(207, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0419, 0.3204, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 198) }
```

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

```
.background{ background-color: rgb(207,  
192, 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