

Converting Colors

$Y_{xy}(55.0270, 0.3052, 0.2960)$

Have a look what the booklet for
Yxy(55.0270, 0.3052, 0.2960)
contains.

Yxy(55.1543, 0.3055, 0.2966)	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(55.1543, 0.3055, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	CFBEDA
RGB	207, 190, 218
RGB Percent	81%, 75%, 85%
CMY	0.1881, 0.2549, 0.1450
CMYK	0.05, 0.13, 0.00, 0.15
HSL	276°, 27%, 80%
HSV	276°, 13%, 85%
XYZ	56.8093, 55.1543, 73.9916
YIQ	198.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

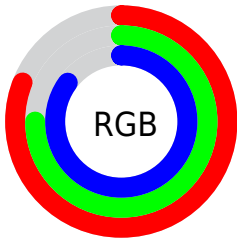
Format	Color
R_{YB}	207, 190, 218
Decimal	13614810
CIE _{Lab}	79.13, 11.13, -11.82
CIE _{LCh}	79, 16.235, 313.292
Yxy	55.1543, 0.3055, 0.2966
Android (android.graphics.Color)	4291804890 (0xFFCFBEDA)
YUV	198.2750, 9.7244, 7.6518
Hunter-Lab	74.2659, 6.5771, -7.0848

Details

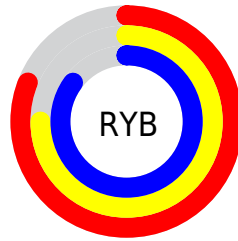
The Yxy color **55.1543, 0.3055, 0.2966** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.2820, 0.3191, 0.3619**, and the grayscale version is **56.5912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.3080, 0.3039, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **45.2114, 0.2987, 0.2695**, and if you desaturate by 10%, it is **66.5811, 0.3112, 0.3221**.

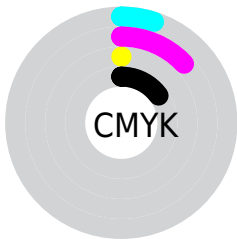
Distribution



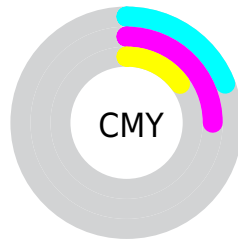
- Red (81%)
- Green (75%)
- Blue (85%)



- Red (81%)
- Yellow (75%)
- Blue (85%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)





- Cyan (19%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1543, 0.3055, 0.2966 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 55.1543, 0.3055, 0.2966 by changing the saturation by 10% instead.


 55.1543, 0.3055,
0.2966

 55.1543, 0.3055,
0.2966

406.4966, 0.3091,
0.3120

 39.5253, 0.3046,
0.2930

 97.7670, 0.3068,
0.3020

 27.1686, 0.3034,
0.2885


125.5194, 0.3073,
0.3041

 17.6999, 0.3019,
0.2826


158.0818, 0.3077,
0.3059

 10.7347, 0.2997,
0.2749

195.8385, 0.3081,
0.3074

 5.8888, 0.2966,
0.2640

239.1740, 0.3084,
0.3088

 2.7776, 0.2915,
0.2479

288.4725, 0.3087,

 1.0167, 0.2820,

0.3100

0.2213

344.1186, 0.3089,
0.3111

0.0000, 0.1999,
0.0000

0.0000, 0.0000,
0.0000

55.1543, 0.3055,
0.2966

55.1543, 0.3055,
0.2966

45.2114, 0.2987,
0.2695

66.5811, 0.3112,
0.3221

36.6816, 0.2909,
0.2413

79.5443, 0.3161,
0.3456

29.4992, 0.2821,
0.2129

93.8494, 0.3201,
0.3667

23.5901, 0.2724,
0.1852

95.3192, 0.3256,
0.3661

■ 18.8728, 0.2621,
0.1597

■ 96.8595, 0.3311,
0.3655

■ 15.2562, 0.2514,
0.1375

■ 97.8428, 0.3345,
0.3651

■ 12.6356, 0.2409,
0.1198

■ 10.8846, 0.2308,
0.1072

■ 10.0170, 0.2240,
0.1008

Harmonies

Analogous

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



55.1543, 0.2863, 0.2931



55.1543, 0.3055, 0.2966



55.1543, 0.3273, 0.3080

Triad

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



55.1543, 0.3055, 0.2966



55.1543, 0.3523, 0.3583



55.1543, 0.2807, 0.3323

Complementary

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



55.1543, 0.3055, 0.2966



66.2820, 0.3191, 0.3619

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.



55.1543, 0.2975, 0.3515



55.1543, 0.3055, 0.2966



55.1543, 0.3390, 0.3665

Square

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



55.1543, 0.3055, 0.2966



55.1543, 0.3548, 0.3428



55.1543, 0.3188, 0.3643



55.1543, 0.2724, 0.3128

Rectangle

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



55.1543, 0.3055, 0.2966



55.1543, 0.3402, 0.3187



55.1543, 0.3188, 0.3643



55.1543, 0.2855, 0.3390

Sweetspot

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



55.1567, 0.3055, 0.2966



92.9138, 0.3106, 0.3192



57.8760, 0.2927, 0.3090



19.6107, 0.3102, 0.3173



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.



55.1567, 0.3055, 0.2966



75.2447, 0.3041, 0.2906



56.6484, 0.3163, 0.3005



13.0070, 0.3076, 0.3055



6.0642, 0.2254, 0.1015



0.4422, 0.2408, 0.1100

Inverse Universe

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



55.9468, 0.3273, 0.3164



76.5681, 0.3303, 0.3141



64.9383, 0.3093, 0.3592



13.1356, 0.3231, 0.3199



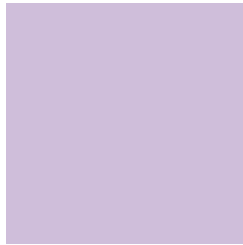
9.3465, 0.5400, 0.2749



0.6221, 0.4965, 0.2509

Previews

White Background



This preview shows how the Yxy color 55.1543, 0.3055, 0.2966 looks on a white background.

Color Contrast Check

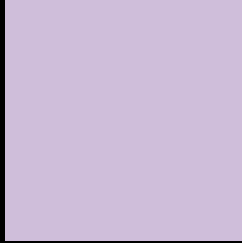
Large Text (above 18pt) WCAG AA × Fail

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 55.1543, 0.3055, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

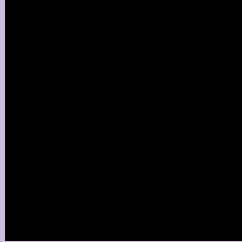
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1543, 0.3055, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 55.1543, 0.3055, 0.2966.



This preview shows how white text looks on a background with the Yxy color 55.1543, 0.3055, 0.2966.

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

55.1543, 0.3055, 0.2966

Protanopia

55.4571, 0.2919, 0.2981

Deuteranopia

55.3027, 0.3039, 0.2977



Tritanopia

55.1834, 0.3119, 0.3113

Trichromacy



Original Color

55.1543, 0.3055, 0.2966

Protanomaly

55.1776, 0.2963, 0.2972

Deuteranomaly

55.4454, 0.3047, 0.2977

Tritanomaly

55.0866, 0.3098, 0.3056

Monochromacy



Original Color

55.1543, 0.3055, 0.2966

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8555, 0.3101, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1543, 0.3055, 0.2966 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, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 218)  
}
```

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, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.1543, 0.3055, 0.2966 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, 190, 218) }
```

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

```
.border{ border-color:rgb(207, 190, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1543, 0.3055, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 218) }
```

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

```
.background{ background-color: rgb(207,  
190, 218) }
```

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