

Converting Colors

Yxy(54.9554, 0.3034, 0.2981)

Have a look what the booklet for
Yxy(54.9554, 0.3034, 0.2981)
contains.

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Color

Yxy(55.1087, 0.3038, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	CCBFD9
RGB	204, 191, 217
RGB Percent	80%, 75%, 85%
CMY	0.2002, 0.2509, 0.1490
CMYK	0.06, 0.12, 0.00, 0.15
HSL	270°, 25%, 80%
HSV	270°, 12%, 85%
XYZ	56.0496, 55.1087, 73.3368
YIQ	197.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

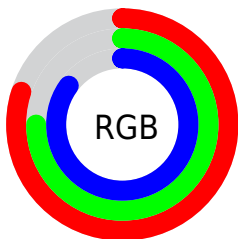
Format	Color
R_{YB}	204, 191, 217
Decimal	13418457
CIE _{Lab}	79.10, 9.36, -11.34
CIE _{LCh}	79, 14.706, 309.531
Yxy	55.1087, 0.3038, 0.2987
Android (android.graphics.Color)	4291608537 (0xFFCCBFD9)
YUV	197.8510, 9.4405, 5.3927
Hunter-Lab	74.2352, 4.8607, -6.6078

Details

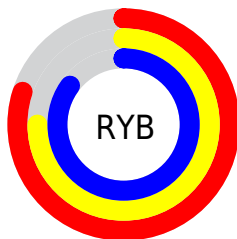
The Yxy color **55.1087, 0.3038, 0.2987** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.2424, 0.3208, 0.3593**, and the grayscale version is **56.3174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **27.2696, 0.3017, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **44.8495, 0.2950, 0.2712**, and if you desaturate by 10%, it is **66.8827, 0.3114, 0.3242**.

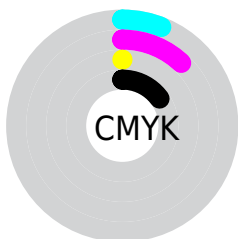
Distribution



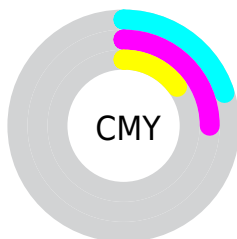
- Red (80%)
- Green (75%)
- Blue (85%)



- Red (80%)
- Yellow (75%)
- Blue (85%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)





- Cyan (20%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1087, 0.3038, 0.2987 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 55.1087, 0.3038, 0.2987 by changing the saturation by 10% instead.

 55.1087, 0.3038,
0.2987

 55.1087, 0.3038,
0.2987


406.3238, 0.3082,
0.3131

 39.4888, 0.3027,
0.2953


 97.7002, 0.3054,
0.3038

 27.1402, 0.3013,
0.2910

125.4405, 0.3060,
0.3058

 17.6785, 0.2995,
0.2855


157.9898, 0.3065,
0.3074

 10.7194, 0.2969,
0.2782

195.7324, 0.3070,
0.3089

 5.8785, 0.2932,
0.2679

239.0527, 0.3073,
0.3101

 2.7713, 0.2873,
0.2525

288.3351, 0.3077,

 1.0136, 0.2766,

0.3113

0.2269

343.9640, 0.3080,
0.3123

0.0000, 0.1638,
0.0000

0.0000, 0.0000,
0.0000

55.1087, 0.3038,
0.2987

55.1087, 0.3038,
0.2987

44.8495, 0.2950,
0.2712

66.8827, 0.3114,
0.3242

36.0345, 0.2849,
0.2422

80.2243, 0.3178,
0.3475

28.5978, 0.2735,
0.2124

94.4750, 0.3232,
0.3675

22.4655, 0.2611,
0.1829

96.4045, 0.3303,
0.3667

■ 17.5563, 0.2479,
0.1551

■ 97.7904, 0.3351,
0.3661

■ 13.7800, 0.2346,
0.1306

■ 11.0328, 0.2216,
0.1106

■ 9.1907, 0.2096,
0.0961

■ 8.2010, 0.2009,
0.0880

Harmonies

Analogous

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



55.1087, 0.2870, 0.2966



55.1087, 0.3038, 0.2987



55.1087, 0.3235, 0.3083

Triad

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



55.1087, 0.3038, 0.2987



55.1087, 0.3495, 0.3542



55.1087, 0.2852, 0.3343

Complementary

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



55.1087, 0.3038, 0.2987



66.2424, 0.3208, 0.3593

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.



55.1087, 0.3013, 0.3512



55.1087, 0.3038, 0.2987



55.1087, 0.3385, 0.3625

Square

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



55.1087, 0.3038, 0.2987



55.1087, 0.3504, 0.3396



55.1087, 0.3207, 0.3617



55.1087, 0.2765, 0.3165

Rectangle

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



55.1087, 0.3038, 0.2987



55.1087, 0.3356, 0.3177



55.1087, 0.3207, 0.3617



55.1087, 0.2899, 0.3403

Sweetspot

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



55.1110, 0.3038, 0.2987



92.7053, 0.3099, 0.3191



59.4882, 0.2942, 0.3141



19.5579, 0.3094, 0.3172



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.



55.1110, 0.3038, 0.2987



76.0568, 0.3020, 0.2930



56.9669, 0.3137, 0.2996



12.9340, 0.3058, 0.3054



5.0266, 0.2024, 0.0888



0.3769, 0.2201, 0.0986

Inverse Universe

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



56.3858, 0.3240, 0.3141



78.2074, 0.3262, 0.3113



64.5298, 0.3116, 0.3602



13.1601, 0.3214, 0.3173



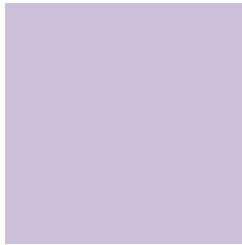
9.6192, 0.4940, 0.2495



0.6406, 0.4583, 0.2298

Previews

White Background



This preview shows how the Yxy color 55.1087, 0.3038, 0.2987 looks on a white background.

Color Contrast Check

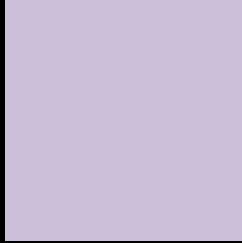
Large Text (above 18pt) WCAG AA × Fail

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 55.1087, 0.3038, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

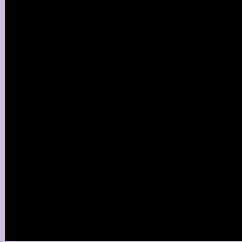
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1087, 0.3038, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 55.1087, 0.3038, 0.2987.



This preview shows how white text looks on a background with the Yxy color 55.1087, 0.3038, 0.2987.

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

55.1087, 0.3038, 0.2987

Protanopia

54.9045, 0.2933, 0.2992

Deuteranopia

55.2505, 0.3046, 0.2988



Tritanopia

55.2506, 0.3088, 0.3112

Trichromacy



Original Color

55.1087, 0.3038, 0.2987

Protanomaly

54.9376, 0.2970, 0.2994

Deuteranomaly

55.2505, 0.3046, 0.2988

Tritanomaly

55.0989, 0.3074, 0.3066

Monochromacy



Original Color

55.1087, 0.3038, 0.2987

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7174, 0.3093, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1087, 0.3038, 0.2987 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(204, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 217)  
}
```

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(204, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.1087, 0.3038, 0.2987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

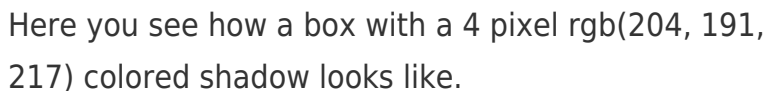
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 191, 217) }
```

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

```
.border{ border-color:rgb(204, 191, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1087, 0.3038, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 217) }
```

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

```
.background{ background-color: rgb(204,  
191, 217) }
```

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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