

Converting Colors

Yxy(55.4132, 0.3086, 0.2941)

Have a look what the booklet for
Yxy(55.4132, 0.3086, 0.2941)
contains.

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Color

Yxy(55.5067, 0.3087, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	D4BDDB
RGB	212, 189, 219
RGB Percent	83%, 74%, 86%
CMY	0.1688, 0.2587, 0.1412
CMYK	0.03, 0.14, 0.00, 0.14
HSL	286°, 29%, 80%
HSV	286°, 14%, 86%
XYZ	58.1239, 55.5067, 74.6554
YIQ	199.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

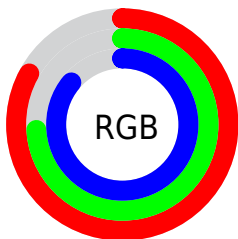
Format	Color
R _Y B	212, 189, 219
Decimal	13942235
CIE Lab	79.33, 13.49, -11.99
CIE LCh	79, 18.047, 318.352
Yxy	55.5067, 0.3087, 0.2948
Android (android.graphics.Color)	4292132315 (0xFFD4BDDDB)
YUV	199.2970, 9.7136, 11.1405
Hunter-Lab	74.5028, 8.8780, -7.2594

Details

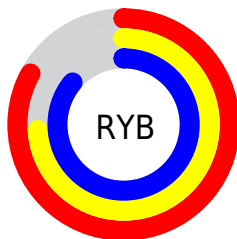
The Yxy color **55.5067, 0.3087, 0.2948** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.0711, 0.3161, 0.3645**, and the grayscale version is **57.2403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **27.4568, 0.3072, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **46.0364, 0.3050, 0.2685**, and if you desaturate by 10%, it is **66.4284, 0.3117, 0.3201**.

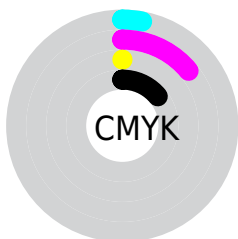
Distribution



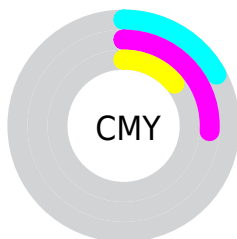
- Red (83%)
- Green (74%)
- Blue (86%)



- Red (83%)
- Yellow (74%)
- Blue (86%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5067, 0.3087, 0.2948 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 55.5067, 0.3087, 0.2948 by changing the saturation by 10% instead.

■ 55.5067, 0.3087,
0.2948

■ 55.5067, 0.3087,
0.2948

407.8298, 0.3108,
0.3110

■ 39.8076, 0.3082,
0.2910

■ 98.2830, 0.3095,
0.3005

■ 27.3885, 0.3074,
0.2863

126.1288, 0.3098,
0.3027

■ 17.8652, 0.3065,
0.2802

158.7924, 0.3100,
0.3046

■ 10.8533, 0.3051,
0.2722

196.6581, 0.3102,
0.3062

■ 5.9683, 0.3030,
0.2610

240.1103, 0.3104,
0.3076

■ 2.8258, 0.2995,
0.2443

289.5334, 0.3106,

■ 1.0415, 0.2929,

0.3089

0.2173

345.3118, 0.3107,
0.3100

0.0000, 0.2546,
0.0000

0.0000, 0.0000,
0.0000

55.5067, 0.3087,
0.2948

55.5067, 0.3087,
0.2948

46.0364, 0.3050,
0.2685

66.4284, 0.3117,
0.3201

37.9467, 0.3007,
0.2417

78.8542, 0.3142,
0.3438

31.1712, 0.2958,
0.2153

92.8427, 0.3162,
0.3658

25.6355, 0.2903,
0.1905

93.8723, 0.3194,
0.3657

■ 21.2575, 0.2843,
0.1682

■ 94.7466, 0.3227,
0.3654

■ 17.9449, 0.2780,
0.1495

■ 95.6462, 0.3260,
0.3650

■ 15.5915, 0.2717,
0.1353

■ 96.5714, 0.3293,
0.3646

■ 14.0681, 0.2654,
0.1257

■ 97.5223, 0.3327,
0.3643

■ 13.3989, 0.2616,
0.1214

■ 97.8936, 0.3340,
0.3641

Harmonies

Analogous

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



55.5067, 0.2866, 0.2893



55.5067, 0.3087, 0.2948



55.5067, 0.3327, 0.3085

Triad

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



55.5067, 0.3087, 0.2948



55.5067, 0.3549, 0.3636



55.5067, 0.2750, 0.3287

Complementary

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



55.5067, 0.3087, 0.2948



66.0711, 0.3161, 0.3645

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.



55.5067, 0.2922, 0.3507



55.5067, 0.3087, 0.2948



55.5067, 0.3383, 0.3712

Square

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



55.5067, 0.3087, 0.2948



55.5067, 0.3600, 0.3474



55.5067, 0.3153, 0.3667



55.5067, 0.2677, 0.3078

Rectangle

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



55.5067, 0.3087, 0.2948



55.5067, 0.3464, 0.3208



55.5067, 0.3153, 0.3667



55.5067, 0.2798, 0.3363

Sweetspot

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



55.5091, 0.3087, 0.2948



93.2131, 0.3116, 0.3192



55.6465, 0.2912, 0.3021



19.6865, 0.3114, 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.



55.5091, 0.3087, 0.2948



74.9051, 0.3079, 0.2884



56.1900, 0.3200, 0.3036



13.1130, 0.3101, 0.3057



7.9984, 0.2625, 0.1220



0.5562, 0.2724, 0.1274

Inverse Universe

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



55.4497, 0.3321, 0.3210



74.8236, 0.3363, 0.3194



65.4845, 0.3062, 0.3558



13.1013, 0.3255, 0.3235



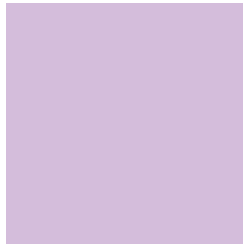
9.0876, 0.5967, 0.3061



0.6021, 0.5502, 0.2805

Previews

White Background



This preview shows how the Yxy color 55.5067, 0.3087, 0.2948 looks on a white background.

Color Contrast Check

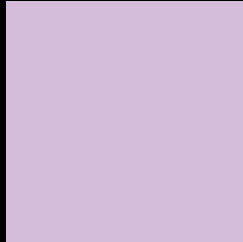
Large Text (above 18pt) WCAG AA × Fail

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 55.5067, 0.3087, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

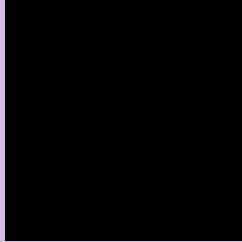
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5067, 0.3087, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 55.5067, 0.3087, 0.2948.



This preview shows how white text looks on a background with the Yxy color 55.5067, 0.3087, 0.2948.

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

55.5067, 0.3087, 0.2948

Protanopia

55.5644, 0.2906, 0.2959

Deuteranopia

55.4979, 0.3040, 0.2966



Tritanopia

55.4195, 0.3168, 0.3115

Trichromacy



Original Color

55.5067, 0.3087, 0.2948

Protanomaly

55.5560, 0.2965, 0.2951

Deuteranomaly

55.3513, 0.3055, 0.2956

Tritanomaly

55.3789, 0.3139, 0.3047

Monochromacy



Original Color

55.5067, 0.3087, 0.2948

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3238, 0.3117, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5067, 0.3087, 0.2948 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(212, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 219)  
}
```

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(212, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 219) }
```

Border

The CSS property to change the border of an element to Yxy 55.5067, 0.3087, 0.2948 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(212, 189, 219) }
```

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

```
.border{ border-color:rgb(212, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 189,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5067, 0.3087, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 219) }
```

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

```
.background{ background-color: rgb(212,  
189, 219) }
```

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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