

Converting Colors

$Yxy(55.3861, 0.3063, 0.2974)$

Have a look what the booklet for
Yxy(55.3861, 0.3063, 0.2974)
contains.

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Color

Yxy(55.2988, 0.3063, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	D0BEDA
RGB	208, 190, 218
RGB Percent	82%, 75%, 85%
CMY	0.1842, 0.2549, 0.1451
CMYK	0.05, 0.13, 0.00, 0.15
HSL	279°, 27%, 80%
HSV	279°, 13%, 85%
XYZ	57.0880, 55.2988, 73.9927
YIQ	198.5740, 1.7400, 12.5240

Conversions

Conversions Part 2

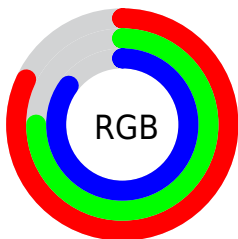
Format	Color
R_{YB}	208, 190, 218
Decimal	13680346
CIE _{Lab}	79.21, 11.46, -11.67
CIE _{LCh}	79, 16.361, 314.474
Yxy	55.2988, 0.3063, 0.2967
Android (android.graphics.Color)	4291870426 (0xFFD0BEDA)
YUV	198.5740, 9.5770, 8.2666
Hunter-Lab	74.3632, 6.8976, -6.9404

Details

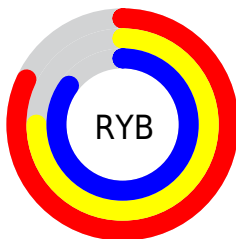
The Yxy color $55.2988, 0.3063, 0.2967$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $66.1324, 0.3184, 0.3619$, and the grayscale version is $56.7830, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $27.4057, 0.3050, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $45.4571, 0.3003, 0.2698$, and if you desaturate by 10%, it is $66.6125, 0.3114, 0.3221$.

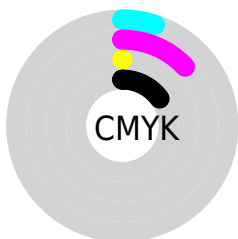
Distribution



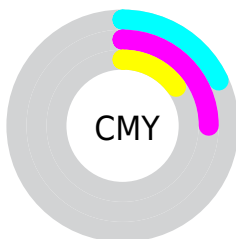
- Red (82%)
- Green (75%)
- Blue (85%)



- Red (82%)
- Yellow (75%)
- Blue (85%)



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



- Cyan (18%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2988, 0.3063, 0.2967 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 55.2988, 0.3063, 0.2967 by changing the saturation by 10% instead.

■ 55.2988, 0.3063,
0.2967

■ 55.2988, 0.3063,
0.2967

407.0436, 0.3095,
0.3120

■ 39.6410, 0.3055,
0.2931

■ 97.9786, 0.3075,
0.3021

■ 27.2588, 0.3044,
0.2886

125.7694, 0.3079,
0.3042

■ 17.7676, 0.3030,
0.2828

158.3733, 0.3083,
0.3060

■ 10.7833, 0.3011,
0.2751

196.1748, 0.3086,
0.3075

■ 5.9213, 0.2982,
0.2643

239.5581, 0.3089,
0.3089

■ 2.7973, 0.2936,
0.2483

288.9078, 0.3091,

■ 1.0268, 0.2849,

0.3100

0.2219

344.6081, 0.3094,
0.3111

0.0000, 0.2145,
0.0000

0.0000, 0.0000,
0.0000

55.2988, 0.3063,
0.2967

55.2988, 0.3063,
0.2967

45.4571, 0.3003,
0.2698

66.6125, 0.3114,
0.3221

37.0170, 0.2933,
0.2420

79.4506, 0.3157,
0.3457

29.9130, 0.2853,
0.2140

93.6205, 0.3192,
0.3669

24.0712, 0.2766,
0.1869

94.9417, 0.3242,
0.3663

■ 19.4107, 0.2672,
0.1620

■ 96.3207, 0.3292,
0.3657

■ 15.8406, 0.2575,
0.1405

■ 97.7584, 0.3343,
0.3651

■ 13.2564, 0.2479,
0.1235

■ 97.8419, 0.3346,
0.3651

■ 11.5324, 0.2386,
0.1115

■ 10.6776, 0.2323,
0.1053

Harmonies

Analogous

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



55.2988, 0.2868, 0.2929



55.2988, 0.3063, 0.2967



55.2988, 0.3282, 0.3084

Triad

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



55.2988, 0.3063, 0.2967



55.2988, 0.3523, 0.3590



55.2988, 0.2800, 0.3315

Complementary

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



55.2988, 0.3063, 0.2967



66.1324, 0.3184, 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.



55.2988, 0.2966, 0.3510



55.2988, 0.3063, 0.2967



55.2988, 0.3384, 0.3669

Square

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



55.2988, 0.3063, 0.2967



55.2988, 0.3553, 0.3436



55.2988, 0.3180, 0.3642



55.2988, 0.2720, 0.3120

Rectangle

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



55.2988, 0.3063, 0.2967



55.2988, 0.3411, 0.3193



55.2988, 0.3180, 0.3642



55.2988, 0.2847, 0.3383

Sweetspot

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



55.3012, 0.3063, 0.2967



92.9823, 0.3109, 0.3192



57.4380, 0.2927, 0.3078



19.6280, 0.3105, 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.



55.3012, 0.3063, 0.2967



75.4874, 0.3050, 0.2907



56.5977, 0.3170, 0.3016



13.0312, 0.3081, 0.3056



6.4595, 0.2336, 0.1060



0.4661, 0.2479, 0.1139

Inverse Universe

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



55.8971, 0.3281, 0.3176



76.4900, 0.3313, 0.3155



64.9711, 0.3087, 0.3581



13.1277, 0.3236, 0.3207



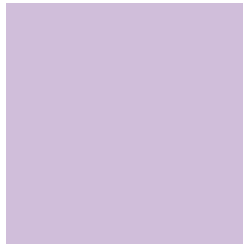
9.2741, 0.5544, 0.2828



0.6169, 0.5091, 0.2578

Previews

White Background



This preview shows how the Yxy color 55.2988, 0.3063, 0.2967 looks on a white background.

Color Contrast Check

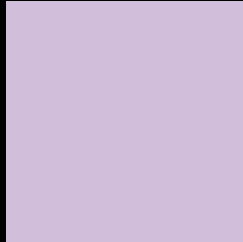
Large Text (above 18pt) WCAG AA × Fail

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 55.2988, 0.3063, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

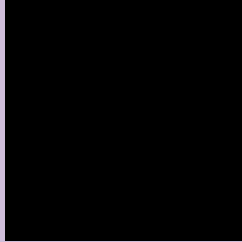
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2988, 0.3063, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 55.2988, 0.3063, 0.2967.



This preview shows how white text looks on a background with the Yxy color 55.2988, 0.3063, 0.2967.

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

55.2988, 0.3063, 0.2967

Protanopia

55.4571, 0.2919, 0.2981

Deuteranopia

55.3027, 0.3039, 0.2977



Tritanopia

55.3261, 0.3127, 0.3114

Trichromacy



Original Color

55.2988, 0.3063, 0.2967

Protanomaly

55.3130, 0.2971, 0.2973

Deuteranomaly

55.4454, 0.3047, 0.2977

Tritanomaly

55.2302, 0.3106, 0.3057

Monochromacy



Original Color

55.2988, 0.3063, 0.2967

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4926, 0.3101, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2988, 0.3063, 0.2967 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(208, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.2988, 0.3063, 0.2967 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(208, 190, 218) }
```

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

```
.border{ border-color:rgb(208, 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(208, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2988, 0.3063, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 218) }
```

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

```
.background{ background-color: rgb(208,  
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](#).

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