

Converting Colors

Yxy(55.3918, 0.2898, 0.3091)

Have a look what the booklet for
Yxy(55.3918, 0.2898, 0.3091)
contains.

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Color

Yxy(55.3105, 0.2902, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	B7C6D6
RGB	183, 198, 214
RGB Percent	72%, 78%, 84%
CMY	0.2822, 0.2235, 0.1609
CMYK	0.14, 0.07, 0.00, 0.16
HSL	211°, 27%, 78%
HSV	211°, 14%, 84%
XYZ	51.8614, 55.3105, 71.5373
YIQ	195.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

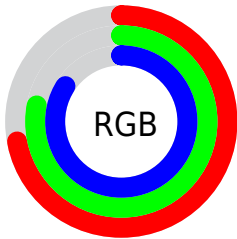
Format	Color
R_{YB}	183, 193, 214
Decimal	12043990
CIE Lab	79.22, -1.85, -9.70
CIE LCh	79, 9.872, 259.170
Yxy	55.3105, 0.2902, 0.3095
Android (android.graphics.Color)	4290234070 (0xFFB7C6D6)
YUV	195.3390, 9.1999, -10.8213
Hunter-Lab	74.3710, -5.6753, -4.9712

Details

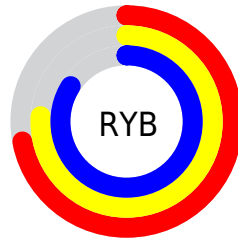
The Yxy color **55.3105, 0.2902, 0.3095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5556, 0.3367, 0.3478**, and the grayscale version is **54.7391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **27.1955, 0.2847, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **48.0195, 0.2739, 0.2942**, and if you desaturate by 10%, it is **63.3730, 0.3059, 0.3233**.

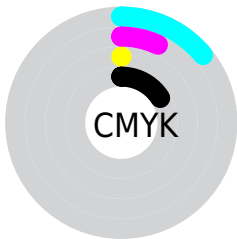
Distribution



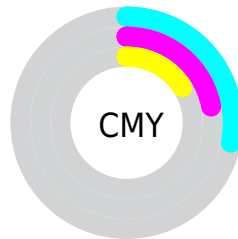
- Red (72%)
- Green (78%)
- Blue (84%)



- Red (72%)
- Yellow (76%)
- Blue (84%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3105, 0.2902, 0.3095 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 55.3105, 0.2902, 0.3095 by changing the saturation by 10% instead.

■ 55.3105, 0.2902,
0.3095

■ 55.3105, 0.2902,
0.3095

407.0878, 0.3011,
0.3190

■ 39.6504, 0.2876,
0.3072

■ 97.9957, 0.2941,
0.3129

■ 27.2661, 0.2843,
0.3043

125.7896, 0.2955,
0.3142

■ 17.7731, 0.2800,
0.3005

158.3969, 0.2968,
0.3153

■ 10.7872, 0.2743,
0.2954

196.2020, 0.2979,
0.3162

■ 5.9240, 0.2661,
0.2881

239.5892, 0.2988,
0.3170

■ 2.7989, 0.2535,
0.2767

288.9430, 0.2997,

■ 1.0277, 0.2318,

0.3178

0.2568

344.6477, 0.3004,
0.3184

0.0000, 0.0000,
0.0000

55.3105, 0.2902,
0.3095

55.3105, 0.2902,
0.3095

48.0195, 0.2739,
0.2942

63.3730, 0.3059,
0.3233

41.4674, 0.2574,
0.2773

72.2244, 0.3209,
0.3356

35.6290, 0.2411,
0.2591

81.8903, 0.3351,
0.3466

30.4751, 0.2254,
0.2398

89.7182, 0.3389,
0.3570

25.9739, 0.2108,
0.2198

96.4972, 0.3372,
0.3674

■ 22.0901, 0.1979,
0.1995

■ 97.6333, 0.3370,
0.3691

■ 18.7844, 0.1872,
0.1797

■ 16.0101, 0.1790,
0.1608

■ 14.6627, 0.1752,
0.1508

Harmonies

Analogous

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



55.3105, 0.2877, 0.3174



55.3105, 0.2902, 0.3095



55.3105, 0.2987, 0.3069

Triad

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



55.3105, 0.2902, 0.3095



55.3105, 0.3342, 0.3287



55.3105, 0.3140, 0.3491

Complementary

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



55.3105, 0.2902, 0.3095



58.5556, 0.3367, 0.3478

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.



55.3105, 0.3266, 0.3519



55.3105, 0.2902, 0.3095



55.3105, 0.3385, 0.3398

Square

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



55.3105, 0.2902, 0.3095



55.3105, 0.3241, 0.3179



55.3105, 0.3356, 0.3484



55.3105, 0.3012, 0.3405

Rectangle

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



55.3105, 0.2902, 0.3095



55.3105, 0.3067, 0.3084



55.3105, 0.3356, 0.3484



55.3105, 0.3184, 0.3507

Sweetspot

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



55.3128, 0.2902, 0.3095



94.8039, 0.3066, 0.3239



62.2471, 0.3007, 0.3478



20.0874, 0.3054, 0.3229



0.0000, 0.0000, 0.0000



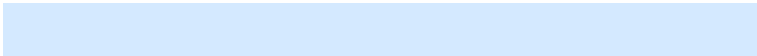
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.3128, 0.2902, 0.3095



79.2328, 0.2858, 0.3055



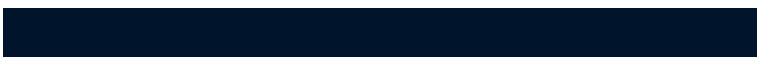
48.8035, 0.2896, 0.2907



12.9907, 0.2982, 0.3167



9.0723, 0.1760, 0.1534



0.7125, 0.1849, 0.1855

Inverse Universe

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



52.2475, 0.3271, 0.3115



74.0341, 0.3302, 0.3081



65.7871, 0.3343, 0.3646



12.5199, 0.3216, 0.3178



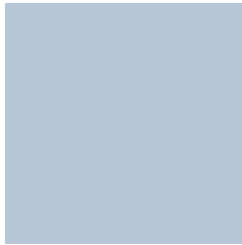
9.2607, 0.5015, 0.2536



0.5753, 0.4621, 0.2319

Previews

White Background



This preview shows how the Yxy color 55.3105, 0.2902, 0.3095 looks on a white background.

Color Contrast Check

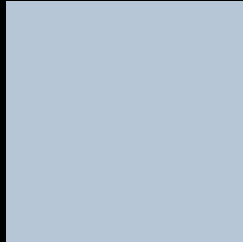
Large Text (above 18pt) WCAG AA × Fail

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 55.3105, 0.2902, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

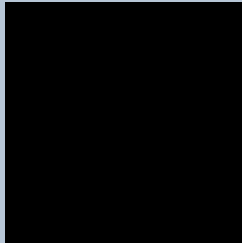
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

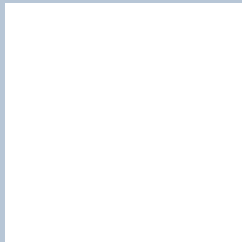
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3105, 0.2902, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 55.3105, 0.2902, 0.3095.



This preview shows how white text looks on a background with the Yxy color 55.3105, 0.2902, 0.3095.

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

55.3105, 0.2902, 0.3095

Protanopia

55.3858, 0.3004, 0.3087

Deuteranopia

55.2897, 0.3069, 0.3011



Tritanopia

55.3105, 0.2902, 0.3095

Trichromacy



Original Color

55.3105, 0.2902, 0.3095

Protanomaly

55.3603, 0.2967, 0.3085

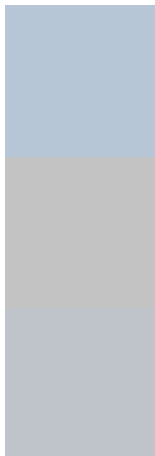
Deuteranomaly

55.4956, 0.3006, 0.3042

Tritanomaly

55.3105, 0.2902, 0.3095

Monochromacy



Original Color

55.3105, 0.2902, 0.3095

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.8205, 0.3044, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3105, 0.2902, 0.3095 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(183, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 214)  
}
```

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(183, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.3105, 0.2902, 0.3095 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(183, 198, 214) }
```

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

```
.border{ border-color:rgb(183, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3105, 0.2902, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 214) }
```

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

```
.background{ background-color: rgb(183,  
198, 214) }
```

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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