

Converting Colors

$Y_{xy}(55.0887, 0.2926, 0.2759)$

Have a look what the booklet for
Yxy(55.0887, 0.2926, 0.2759)
contains.

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Color

Yxy(55.0864, 0.2926, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	CEBCEB
RGB	206, 188, 235
RGB Percent	81%, 74%, 92%
CMY	0.1924, 0.2627, 0.0784
CMYK	0.12, 0.20, 0.00, 0.08
HSL	263°, 54%, 83%
HSV	263°, 20%, 92%
XYZ	58.4207, 55.0864, 86.1536
YIQ	198.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

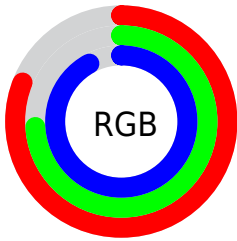
Format	Color
R _Y B	206, 188, 235
Decimal	13548779
CIE Lab	79.09, 15.25, -21.03
CIE LCh	79, 25.979, 305.936
Yxy	55.0864, 0.2926, 0.2759
Android (android.graphics.Color)	4291738859 (0xFFCEBCEB)
YUV	198.7400, 17.8762, 6.3670
Hunter-Lab	74.2202, 10.6168, -16.8687

Details

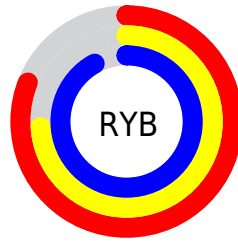
The Yxy color **55.0864, 0.2926, 0.2759** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8158, 0.3300, 0.3809**, and the grayscale version is **56.8347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.1619, 0.2869, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **43.8663, 0.2802, 0.2461**, and if you desaturate by 10%, it is **68.1384, 0.3034, 0.3037**.

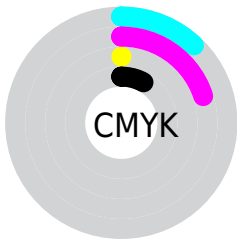
Distribution



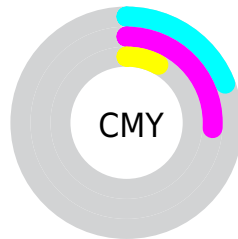
- Red (81%)
- Green (74%)
- Blue (92%)



- Red (81%)
- Yellow (74%)
- Blue (92%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)





- Cyan (19%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0864, 0.2926, 0.2759 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 55.0864, 0.2926, 0.2759 by changing the saturation by 10% instead.

 55.0864, 0.2926,
0.2759

 55.0864, 0.2926,
0.2759

406.2394, 0.3026,
0.3008

 39.4709, 0.2902,
0.2702


 97.6675, 0.2962,
0.2846

 27.1263, 0.2870,
0.2630


125.4020, 0.2976,
0.2879

 17.6681, 0.2830,
0.2540


157.9448, 0.2987,
0.2908

 10.7119, 0.2774,
0.2421

195.6805, 0.2997,
0.2933

 5.8735, 0.2694,
0.2260

238.9934, 0.3006,
0.2956

 2.7683, 0.2570,
0.2027

288.2679, 0.3013,

 1.0120, 0.2358,

0.2975

0.1671

343.8884, 0.3020,
0.2992

■ 0.0000, 0.1632,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0864, 0.2926,
0.2759

■ 55.0864, 0.2926,
0.2759

■ 43.8663, 0.2802,
0.2461

■ 68.1384, 0.3034,
0.3037

■ 34.3869, 0.2664,
0.2149

■ 83.0940, 0.3127,
0.3290

■ 26.5596, 0.2514,
0.1835

■ 97.7600, 0.3209,
0.3485

■ 20.2849, 0.2356,
0.1533

■ 98.7784, 0.3244,
0.3483

■ 15.4522, 0.2198,
0.1261

■ 11.9358, 0.2048,
0.1036

■ 9.5866, 0.1914,
0.0872

■ 8.1552, 0.1801,
0.0766

■ 8.1542, 0.1801,
0.0766

Harmonies

Analogous

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



55.0864, 0.2650, 0.2733



55.0864, 0.2926, 0.2759



55.0864, 0.3272, 0.2908

Triad

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



55.0864, 0.2926, 0.2759



55.0864, 0.3790, 0.3694



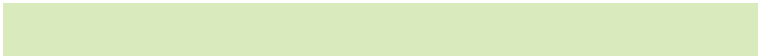
55.0864, 0.2673, 0.3419

Complementary

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



55.0864, 0.2926, 0.2759



77.8158, 0.3300, 0.3809

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.



55.0864, 0.2959, 0.3723



55.0864, 0.2926, 0.2759



55.0864, 0.3608, 0.3872

Square

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



55.0864, 0.2926, 0.2759



55.0864, 0.3786, 0.3428



55.0864, 0.3301, 0.3892



55.0864, 0.2510, 0.3093

Rectangle

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



55.0864, 0.2926, 0.2759



55.0864, 0.3495, 0.3060



55.0864, 0.3301, 0.3892



55.0864, 0.2757, 0.3529

Sweetspot

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



55.0887, 0.2926, 0.2759



88.8727, 0.3073, 0.3140



66.7206, 0.2816, 0.3092



18.7742, 0.3067, 0.3123



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.



55.0887, 0.2926, 0.2759



60.4885, 0.2877, 0.2639



58.5902, 0.3101, 0.2786



14.8289, 0.3039, 0.3051



4.6057, 0.1817, 0.0774



0.4154, 0.1971, 0.0859

Inverse Universe

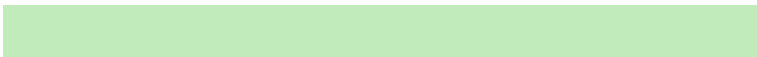
The Inverse Universe completely reimagines the original color for something new.



58.6535, 0.3288, 0.2977



65.5612, 0.3328, 0.2909



74.5586, 0.3143, 0.3835



15.2107, 0.3196, 0.3145



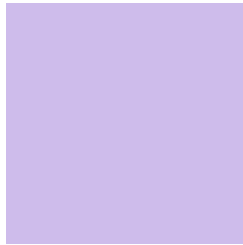
10.9994, 0.4463, 0.2232



0.8824, 0.4242, 0.2111

Previews

White Background



This preview shows how the Yxy color 55.0864, 0.2926, 0.2759 looks on a white background.

Color Contrast Check

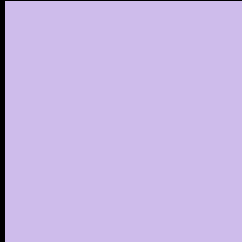
Large Text (above 18pt) WCAG AA × Fail

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 55.0864, 0.2926, 0.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

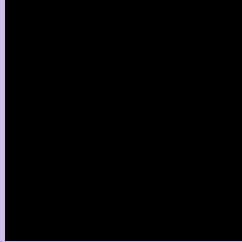
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0864, 0.2926, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 55.0864, 0.2926, 0.2759.



This preview shows how white text looks on a background with the Yxy color 55.0864, 0.2926, 0.2759.

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

55.0864, 0.2926, 0.2759

Protanopia

55.2547, 0.2759, 0.2766

Deuteranopia

54.9379, 0.2860, 0.2793



Tritanopia

55.1115, 0.3080, 0.3112

Trichromacy



Original Color

55.0864, 0.2926, 0.2759

Protanomaly

55.2098, 0.2813, 0.2760

Deuteranomaly

55.0468, 0.2889, 0.2786

Tritanomaly

55.0201, 0.3023, 0.2975

Monochromacy



Original Color

55.0864, 0.2926, 0.2759

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3402, 0.3058, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0864, 0.2926, 0.2759 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(206, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 235)  
}
```

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(206, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 235) }
```

Border

The CSS property to change the border of an element to Yxy 55.0864, 0.2926, 0.2759 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(206, 188, 235) }
```

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

```
.border{ border-color:rgb(206, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0864, 0.2926, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 235) }
```

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

```
.background{ background-color: rgb(206,  
188, 235) }
```

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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