

Converting Colors

$Yxy(55.7087, 0.2837, 0.2968)$

Have a look what the booklet for
Yxy(55.7087, 0.2837, 0.2968)
contains.

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Color

Yxy(55.9603, 0.2843, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6E0
RGB	184, 198, 224
RGB Percent	72%, 78%, 88%
CMY	0.2783, 0.2236, 0.1214
CMYK	0.18, 0.12, 0.00, 0.12
HSL	219°, 39%, 80%
HSV	219°, 18%, 88%
XYZ	53.4235, 55.9603, 78.5286
YIQ	196.7780, -16.6900, 5.1180

Conversions

Conversions Part 2

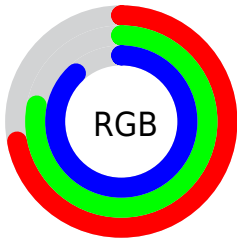
Format	Color
R_{YB}	184, 194, 224
Decimal	12109536
CIE _{Lab}	79.59, 0.61, -14.54
CIE _{LCh}	80, 14.558, 272.384
Yxy	55.9603, 0.2843, 0.2978
Android (android.graphics.Color)	4290299616 (0xFFB8C6E0)
YUV	196.7780, 13.4204, -11.2063
Hunter-Lab	74.8066, -3.4350, -9.8753

Details

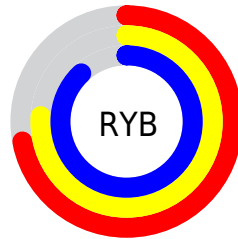
The Yxy color **55.9603, 0.2843, 0.2978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4395, 0.3421, 0.3584**, and the grayscale version is **55.6234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **27.6364, 0.2771, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **47.0629, 0.2671, 0.2775**, and if you desaturate by 10%, it is **65.9422, 0.3006, 0.3161**.

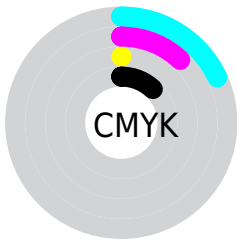
Distribution



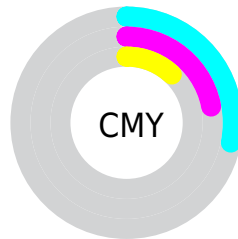
- Red (72%)
- Green (78%)
- Blue (88%)



- Red (72%)
- Yellow (76%)
- Blue (88%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9603, 0.2843, 0.2978 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 55.9603, 0.2843, 0.2978 by changing the saturation by 10% instead.

■ 55.9603, 0.2843,
0.2978

■ 55.9603, 0.2843,
0.2978

409.5419, 0.2980,
0.3128

■ 40.1711, 0.2810,
0.2942

■ 98.9465, 0.2892,
0.3031

■ 27.6720, 0.2769,
0.2897

126.9123, 0.2910,
0.3052

■ 18.0785, 0.2716,
0.2839

159.7058, 0.2926,
0.3069

■ 11.0064, 0.2645,
0.2761

197.7113, 0.2940,
0.3084

■ 6.0711, 0.2544,
0.2652

241.3133, 0.2952,
0.3097

■ 2.8884, 0.2391,
0.2486

290.8961, 0.2962,

■ 1.0737, 0.2135,

0.3109

0.2210

346.8442, 0.2972,
0.3119

0.0000, 0.0000,
0.0000

55.9603, 0.2843,
0.2978

55.9603, 0.2843,
0.2978

47.0629, 0.2671,
0.2775

65.9422, 0.3006,
0.3161

39.2045, 0.2494,
0.2552

77.0382, 0.3159,
0.3323

32.3464, 0.2315,
0.2314

89.2855, 0.3300,
0.3466

26.4444, 0.2143,
0.2064

98.1636, 0.3309,
0.3591

21.4508, 0.1983,
0.1812

■ 17.3128, 0.1845,
0.1567

■ 13.9711, 0.1734,
0.1339

■ 11.3503, 0.1654,
0.1138

■ 10.8632, 0.1639,
0.1099

Harmonies

Analogous

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



55.9603, 0.2767, 0.3059



55.9603, 0.2843, 0.2978



55.9603, 0.2995, 0.2979

Triad

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



55.9603, 0.2843, 0.2978



55.9603, 0.3484, 0.3356



55.9603, 0.3059, 0.3541

Complementary

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



55.9603, 0.2843, 0.2978



65.4395, 0.3421, 0.3584

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.



55.9603, 0.3251, 0.3623



55.9603, 0.2843, 0.2978



55.9603, 0.3501, 0.3508

Square

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



55.9603, 0.2843, 0.2978



55.9603, 0.3368, 0.3193



55.9603, 0.3414, 0.3608



55.9603, 0.2889, 0.3385

Rectangle

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



55.9603, 0.2843, 0.2978



55.9603, 0.3122, 0.3024



55.9603, 0.3414, 0.3608



55.9603, 0.3123, 0.3578

Sweetspot

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



55.9626, 0.2843, 0.2978



92.4806, 0.3050, 0.3209



68.1768, 0.2943, 0.3455



19.5751, 0.3039, 0.3197



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.



55.9626, 0.2843, 0.2978



70.9630, 0.2787, 0.2913



50.6264, 0.2879, 0.2812



14.0221, 0.2981, 0.3133



6.5161, 0.1646, 0.1127



0.6154, 0.1733, 0.1437

Inverse Universe

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



54.2215, 0.3355, 0.3132



68.4185, 0.3407, 0.3101



71.7006, 0.3350, 0.3739



13.7792, 0.3237, 0.3208



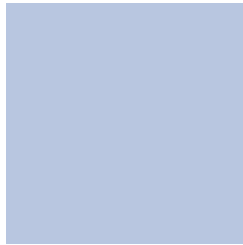
9.5658, 0.5572, 0.2843



0.6796, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 55.9603, 0.2843, 0.2978 looks on a white background.

Color Contrast Check

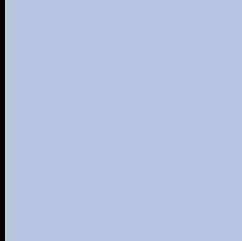
Large Text (above 18pt) WCAG AA × Fail

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 55.9603, 0.2843, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

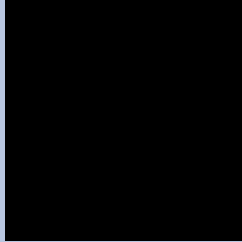
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

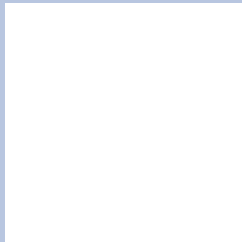
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9603, 0.2843, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 55.9603, 0.2843, 0.2978.



This preview shows how white text looks on a background with the Yxy color 55.9603, 0.2843, 0.2978.

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

55.9603, 0.2843, 0.2978

Protanopia

56.0912, 0.2920, 0.2983

Deuteranopia

55.8320, 0.2974, 0.2909



Tritanopia

55.6982, 0.2888, 0.3095

Trichromacy



Original Color

55.9603, 0.2843, 0.2978

Protanomaly

56.2074, 0.2892, 0.2982

Deuteranomaly

55.7556, 0.2922, 0.2927

Tritanomaly

55.9761, 0.2876, 0.3060

Monochromacy



Original Color

55.9603, 0.2843, 0.2978

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6440, 0.3016, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9603, 0.2843, 0.2978 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(184, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 224)  
}
```

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(184, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 224) }
```

Border

The CSS property to change the border of an element to Yxy 55.9603, 0.2843, 0.2978 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(184, 198, 224) }
```

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

```
.border{ border-color:rgb(184, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9603, 0.2843, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 224) }
```

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

```
.background{ background-color: rgb(184,  
198, 224) }
```

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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