

Converting Colors

Yxy(55.3216, 0.2847, 0.3069)

Have a look what the booklet for
Yxy(55.3216, 0.2847, 0.3069)
contains.

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Color

Yxy(55.3216, 0.2847, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	B2C7D9
RGB	178, 199, 217
RGB Percent	70%, 78%, 85%
CMY	0.3017, 0.2197, 0.1490
CMYK	0.18, 0.08, 0.00, 0.15
HSL	208°, 34%, 77%
HSV	208°, 18%, 85%
XYZ	51.3198, 55.3216, 73.6179
YIQ	194.7730, -18.2940, 1.1460

Conversions

Conversions Part 2

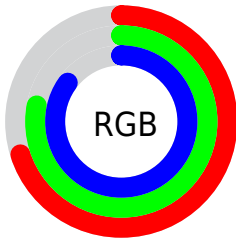
Format	Color
R _Y B	178, 192, 217
Decimal	11716569
CIE Lab	79.23, -3.31, -11.35
CIE LCh	79, 11.827, 253.751
Yxy	55.3216, 0.2847, 0.3069
Android (android.graphics.Color)	4289906649 (0xFFB2C7D9)
YUV	194.7730, 10.9579, -14.7099
Hunter-Lab	74.3785, -7.0005, -6.6188

Details

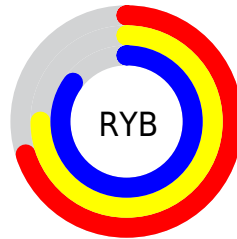
The Yxy color **55.3216, 0.2847, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4880, 0.3436, 0.3501**, and the grayscale version is **54.3808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.2194, 0.2776, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **48.4862, 0.2686, 0.2927**, and if you desaturate by 10%, it is **62.8726, 0.3005, 0.3198**.

Distribution



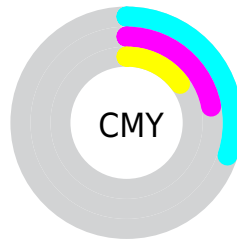
- Red (70%)
- Green (78%)
- Blue (85%)



- Red (70%)
- Yellow (75%)
- Blue (85%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3216, 0.2847, 0.3069 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 55.3216, 0.2847, 0.3069 by changing the saturation by 10% instead.

■ 55.3216, 0.2847,
0.3069

■ 55.3216, 0.2847,
0.3069

407.1298, 0.2982,
0.3177

■ 39.6593, 0.2815,
0.3043

■ 98.0120, 0.2895,
0.3108

■ 27.2730, 0.2774,
0.3010

125.8088, 0.2913,
0.3122

■ 17.7783, 0.2722,
0.2967

158.4193, 0.2929,
0.3135

■ 10.7910, 0.2651,
0.2909

196.2278, 0.2942,
0.3145

■ 5.9265, 0.2550,
0.2825

239.6187, 0.2954,
0.3155

■ 2.8004, 0.2398,
0.2695

288.9764, 0.2965,

■ 1.0284, 0.2139,

0.3163

0.2469

344.6853, 0.2974,
0.3170

0.0000, 0.0000,
0.0000

55.3216, 0.2847,
0.3069

55.3216, 0.2847,
0.3069

48.4862, 0.2686,
0.2927

62.8726, 0.3005,
0.3198

42.3347, 0.2526,
0.2773

71.1558, 0.3158,
0.3313

36.8428, 0.2370,
0.2607

80.1957, 0.3304,
0.3415

31.9818, 0.2223,
0.2432

88.0927, 0.3374,
0.3510

27.7204, 0.2090,
0.2252

94.1419, 0.3360,
0.3606

■ 24.0237, 0.1976,
0.2070

■ 97.7897, 0.3352,
0.3661

■ 20.8515, 0.1884,
0.1892

■ 18.1495, 0.1815,
0.1722

■ 17.6350, 0.1802,
0.1687

Harmonies

Analogous

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



55.3216, 0.2831, 0.3172



55.3216, 0.2847, 0.3069



55.3216, 0.2936, 0.3027

Triad

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



55.3216, 0.2847, 0.3069



55.3216, 0.3367, 0.3261



55.3216, 0.3170, 0.3543

Complementary

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



55.3216, 0.2847, 0.3069



57.4880, 0.3436, 0.3501

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.



55.3216, 0.3317, 0.3563



55.3216, 0.2847, 0.3069



55.3216, 0.3433, 0.3395

Square

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



55.3216, 0.2847, 0.3069



55.3216, 0.3236, 0.3137



55.3216, 0.3414, 0.3507



55.3216, 0.3015, 0.3451

Rectangle

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



55.3216, 0.2847, 0.3069



55.3216, 0.3027, 0.3036



55.3216, 0.3414, 0.3507



55.3216, 0.3222, 0.3558

Sweetspot

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



55.3239, 0.2847, 0.3069



93.9546, 0.3050, 0.3232



63.0661, 0.2991, 0.3552



19.9330, 0.3039, 0.3224



0.0000, 0.0000, 0.0000



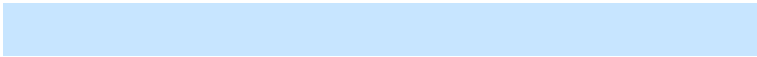
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3239, 0.2847, 0.3069



75.4088, 0.2779, 0.3010



47.1337, 0.2834, 0.2829



13.7701, 0.2982, 0.3179



10.8891, 0.1809, 0.1711



0.8773, 0.1886, 0.1990

Inverse Universe

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



50.7445, 0.3294, 0.3047



67.7202, 0.3342, 0.2987



66.5971, 0.3399, 0.3713



13.1679, 0.3208, 0.3165



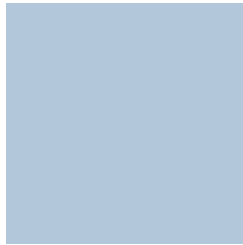
9.7230, 0.4793, 0.2414



0.6472, 0.4464, 0.2233

Previews

White Background



This preview shows how the Yxy color 55.3216, 0.2847, 0.3069 looks on a white background.

Color Contrast Check

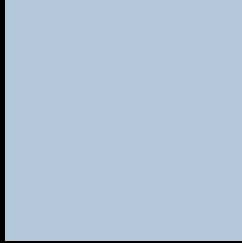
Large Text (above 18pt) WCAG AA × Fail

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 55.3216, 0.2847, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

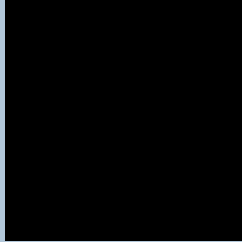
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

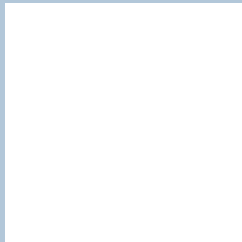
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3216, 0.2847, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 55.3216, 0.2847, 0.3069.



This preview shows how white text looks on a background with the Yxy color 55.3216, 0.2847, 0.3069.

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

55.3216, 0.2847, 0.3069

Protanopia

55.3546, 0.2983, 0.3063

Deuteranopia

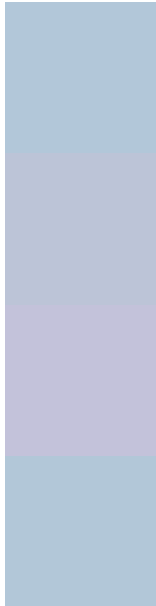
55.2134, 0.3024, 0.2965



Tritanopia

55.2181, 0.2860, 0.3093

Trichromacy



Original Color

55.3216, 0.2847, 0.3069

Protanomaly

55.0775, 0.2931, 0.3060

Deuteranomaly

55.2476, 0.2962, 0.3005

Tritanomaly

55.2697, 0.2853, 0.3081

Monochromacy



Original Color

55.3216, 0.2847, 0.3069

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6105, 0.3022, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3216, 0.2847, 0.3069 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(178, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 217)  
}
```

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(178, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.3216, 0.2847, 0.3069 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(178, 199, 217) }
```

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

```
.border{ border-color:rgb(178, 199, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 217);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3216, 0.2847, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 217) }
```

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

```
.background{ background-color: rgb(178,  
199, 217) }
```

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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