

Converting Colors

Yxy(59.2940, 0.2833, 0.3003)

Have a look what the booklet for
Yxy(59.2940, 0.2833, 0.3003)
contains.

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Color

Yxy(59.2263, 0.2835, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	BACCE4
RGB	186, 204, 228
RGB Percent	73%, 80%, 89%
CMY	0.2708, 0.1999, 0.1058
CMYK	0.18, 0.11, 0.00, 0.11
HSL	214°, 44%, 81%
HSV	214°, 18%, 89%
XYZ	55.8386, 59.2263, 81.8966
YIQ	201.3540, -18.4320, 3.6480

Conversions

Conversions Part 2

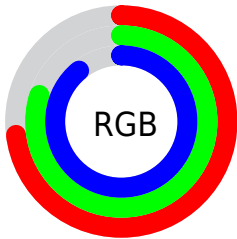
Format	Color
RYB	186, 199, 228
Decimal	12242148
CIELab	81.42, -1.13, -13.93
CIELCh	81, 13.973, 265.351
Yxy	59.2263, 0.2835, 0.3007
Android (android.graphics.Color)	4290432228 (0xFFBACCE4)
YUV	201.3540, 13.1365, -13.4655
Hunter-Lab	76.9586, -5.1641, -9.2232

Details

The Yxy color `59.2263, 0.2835, 0.3007` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `66.1079, 0.3438, 0.3558`, and the grayscale version is `58.5623, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.6172, 0.3047, 0.3290`, and `29.7354, 0.2755, 0.2930` is the 20% darker color. If you saturate the color by 10%, you get `50.6693, 0.2667, 0.2829`, and if you desaturate by 10%, it is `68.7603, 0.2997, 0.3168`.

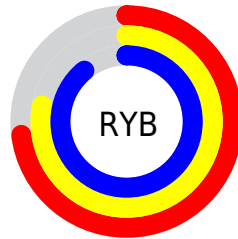
Distribution



Red (73%)

Green (80%)

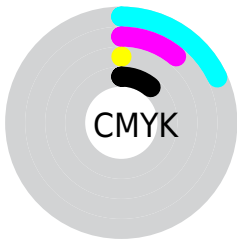
Blue (89%)



Red (73%)

Yellow (78%)

Blue (89%)

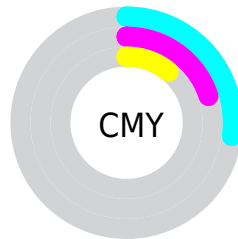


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2263, 0.2835, 0.3007 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 59.2263, 0.2835, 0.3007 by changing the saturation by 10% instead.

■ 59.2263, 0.2835,
0.3007

■ 59.2263, 0.2835,
0.3007

421.7400, 0.2974,
0.3142

■ 42.7953, 0.2802,
0.2975

■ 103.7065, 0.2884,
0.3055

■ 29.7246, 0.2761,
0.2935

132.5245, 0.2903,
0.3073

■ 19.6296, 0.2708,
0.2883

166.2403, 0.2919,
0.3089

■ 12.1261, 0.2638,
0.2814

205.2383, 0.2933,
0.3103

■ 6.8296, 0.2540,
0.2717

249.9029, 0.2945,
0.3114

■ 3.3558, 0.2394,
0.2572

300.6184, 0.2956,

■ 1.3202, 0.2154,

0.3125

0.2333

357.7693, 0.2966,
0.3134

0.1567, 0.0846,
0.1093

0.0000, 0.0000,
0.0000

59.2263, 0.2835,
0.3007

59.2263, 0.2835,
0.3007

50.6693, 0.2667,
0.2829

68.7603, 0.2997,
0.3168

43.0480, 0.2497,
0.2634

79.2964, 0.3150,
0.3311

36.3284, 0.2328,
0.2425

90.8676, 0.3294,
0.3438

30.4714, 0.2167,
0.2206

98.3822, 0.3286,
0.3552

■ 25.4345, 0.2019,
0.1983

■ 21.1706, 0.1891,
0.1761

■ 17.6260, 0.1789,
0.1550

■ 14.7285, 0.1713,
0.1356

■ 14.3231, 0.1702,
0.1328

Harmonies

Analogous

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



59.2263, 0.2783, 0.3100



59.2263, 0.2835, 0.3007



59.2263, 0.2965, 0.2990

Triad

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



59.2263, 0.2835, 0.3007



59.2263, 0.3445, 0.3316



59.2263, 0.3106, 0.3551

Complementary

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



59.2263, 0.2835, 0.3007



66.1079, 0.3438, 0.3558

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.



59.2263, 0.3285, 0.3608



59.2263, 0.2835, 0.3007



59.2263, 0.3484, 0.3465

Square

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



59.2263, 0.2835, 0.3007



59.2263, 0.3318, 0.3165



59.2263, 0.3425, 0.3574



59.2263, 0.2936, 0.3418

Rectangle

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



59.2263, 0.2835, 0.3007



59.2263, 0.3080, 0.3020



59.2263, 0.3425, 0.3574



59.2263, 0.3167, 0.3580

Sweetspot

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



59.2287, 0.2835, 0.3007



91.7691, 0.3035, 0.3204



70.5700, 0.2958, 0.3503



19.4568, 0.3024, 0.3194



0.0000, 0.0000, 0.0000



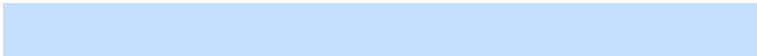
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2287, 0.2835, 0.3007



72.1199, 0.2774, 0.2943



51.4878, 0.2844, 0.2790



14.8999, 0.2981, 0.3152



8.4946, 0.1710, 0.1355



0.8091, 0.1789, 0.1640

Inverse Universe

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



55.9545, 0.3337, 0.3089



67.3882, 0.3389, 0.3046



75.0787, 0.3384, 0.3751



14.4702, 0.3225, 0.3189



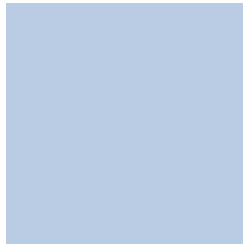
10.0552, 0.5251, 0.2666



0.7614, 0.4881, 0.2462

Previews

White Background



This preview shows how the Yxy color 59.2263, 0.2835, 0.3007 looks on a white background.

Color Contrast Check

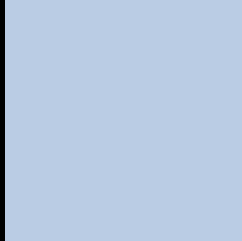
Large Text (above 18pt) WCAG AA × Fail

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 59.2263, 0.2835, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

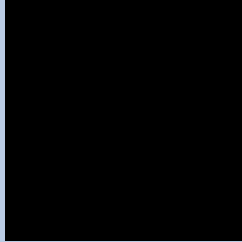
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

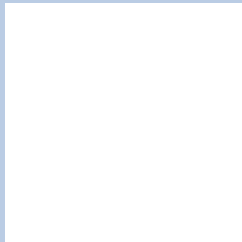
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2263, 0.2835, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 59.2263, 0.2835, 0.3007.



This preview shows how white text looks on a background with the Yxy color 59.2263, 0.2835, 0.3007.

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

59.2263, 0.2835, 0.3007

Protanopia

59.4064, 0.2939, 0.3001

Deuteranopia

59.1450, 0.2992, 0.2929



Tritanopia

59.1974, 0.2873, 0.3099

Trichromacy



Original Color

59.2263, 0.2835, 0.3007

Protanomaly

59.2564, 0.2897, 0.2999

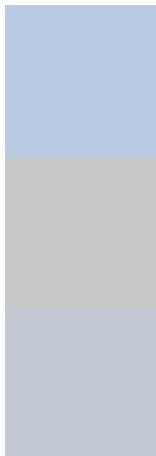
Deuteranomaly

59.3832, 0.2933, 0.2958

Tritanomaly

59.3587, 0.2854, 0.3064

Monochromacy



Original Color

59.2263, 0.2835, 0.3007

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6800, 0.3018, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2263, 0.2835, 0.3007 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(186, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 228)  
}
```

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(186, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 228) }
```

Border

The CSS property to change the border of an element to Yxy 59.2263, 0.2835, 0.3007 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(186, 204, 228) }
```

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

```
.border{ border-color:rgb(186, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2263, 0.2835, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 228) }
```

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

```
.background{ background-color: rgb(186,  
204, 228) }
```

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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