

Converting Colors

$Yxy(59.1717, 0.2945, 0.3219)$

Have a look what the booklet for
Yxy(59.1717, 0.2945, 0.3219)
contains.

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Color

Yxy(59.2849, 0.2946, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	BACED3
RGB	186, 206, 211
RGB Percent	73%, 81%, 83%
CMY	0.2704, 0.1922, 0.1725
CMYK	0.12, 0.02, 0.00, 0.17
HSL	192°, 22%, 78%
HSV	192°, 12%, 83%
XYZ	54.0890, 59.2849, 70.2275
YIQ	200.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

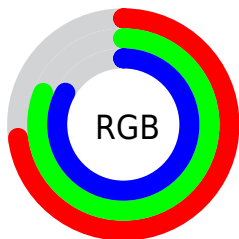
Format	Color
RYB	186, 197, 211
Decimal	12242643
CIELab	81.45, -5.69, -4.79
CIELCh	81, 7.437, 220.069
Yxy	59.2849, 0.2946, 0.3229
Android (android.graphics.Color)	4290432723 (0xFFBACED3)
YUV	200.5900, 5.1321, -12.7954
Hunter-Lab	76.9967, -9.3507, -0.1799

Details

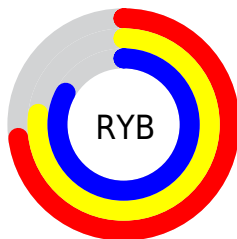
The Yxy color $59.2849, 0.2946, 0.3229$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.6918, 0.3331, 0.3350$, and the grayscale version is $58.1222, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6172, 0.3047, 0.3290$, and $29.8773, 0.2898, 0.3209$ is the 20% darker color. If you saturate the color by 10%, you get $54.8193, 0.2796, 0.3172$, and if you desaturate by 10%, it is $64.2010, 0.3099, 0.3281$.

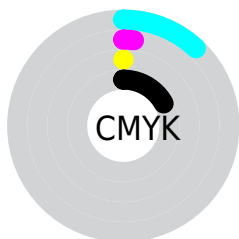
Distribution



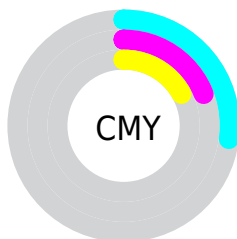
- Red (73%)
- Green (81%)
- Blue (83%)



- Red (73%)
- Yellow (77%)
- Blue (83%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)





- Cyan (27%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2849, 0.2946, 0.3229 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 59.2849, 0.2946, 0.3229 by changing the saturation by 10% instead.


 59.2849, 0.2946,
0.3229

 59.2849, 0.2946,
0.3229

421.9569, 0.3033,
0.3259

 42.8425, 0.2926,
0.3222

 103.7916, 0.2977,
0.3240

 29.7616, 0.2900,
0.3212

132.6247, 0.2988,
0.3244

 19.6577, 0.2867,
0.3200

166.3569, 0.2998,
0.3247

 12.1465, 0.2822,
0.3184

205.3725, 0.3007,
0.3250

 6.8435, 0.2760,
0.3160

250.0559, 0.3015,
0.3253

 3.3644, 0.2665,
0.3122

300.7915, 0.3021,

 1.3248, 0.2504,

0.3255

357.9637, 0.3027,
0.3257

0.3055

0.1603, 0.0197,
0.2347

0.0000, 0.0000,
0.0000

59.2849, 0.2946,
0.3229

59.2849, 0.2946,
0.3229

54.8193, 0.2796,
0.3172

64.2010, 0.3099,
0.3281

50.7793, 0.2653,
0.3111

69.5765, 0.3253,
0.3328

47.1486, 0.2520,
0.3045

75.4294, 0.3405,
0.3370

43.9070, 0.2399,
0.2976

78.7242, 0.3440,
0.3412

■ 41.0321, 0.2294,
0.2904

■ 81.0210, 0.3433,
0.3454

■ 38.4993, 0.2207,
0.2831

■ 83.3750, 0.3426,
0.3496

■ 36.2801, 0.2139,
0.2757

■ 85.7868, 0.3419,
0.3537

■ 34.3406, 0.2091,
0.2684

■ 88.2567, 0.3412,
0.3578

■ 32.9157, 0.2063,
0.2625

■ 90.7850, 0.3405,
0.3619

Harmonies

Analogous

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



59.2849, 0.2990, 0.3316



59.2849, 0.2946, 0.3229



59.2849, 0.2950, 0.3161

Triad

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



59.2849, 0.2946, 0.3229



59.2849, 0.3183, 0.3187



59.2849, 0.3254, 0.3455

Complementary

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



59.2849, 0.2946, 0.3229



54.6918, 0.3331, 0.3350

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.



59.2849, 0.3307, 0.3417



59.2849, 0.2946, 0.3229



59.2849, 0.3266, 0.3263

Square

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



59.2849, 0.2946, 0.3229



59.2849, 0.3086, 0.3138



59.2849, 0.3312, 0.3347



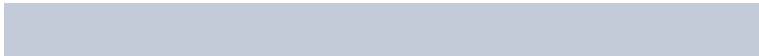
59.2849, 0.3166, 0.3448

Rectangle

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



59.2849, 0.2946, 0.3229



59.2849, 0.2979, 0.3134



59.2849, 0.3312, 0.3347



59.2849, 0.3276, 0.3447

Sweetspot

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



59.2874, 0.2946, 0.3229



96.8142, 0.3065, 0.3270



60.8038, 0.3079, 0.3534



20.5967, 0.3053, 0.3266



0.0000, 0.0000, 0.0000



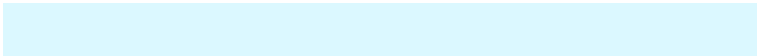
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2874, 0.2946, 0.3229



89.3492, 0.2911, 0.3216



53.5284, 0.2943, 0.3076



12.9862, 0.2983, 0.3242



20.0103, 0.2066, 0.2636



1.2239, 0.2103, 0.2769

Inverse Universe

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



53.4461, 0.3180, 0.3058



78.8457, 0.3191, 0.3011



60.3579, 0.3313, 0.3495



11.9666, 0.3168, 0.3106



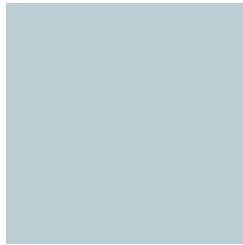
10.0913, 0.3790, 0.1861



0.5748, 0.3663, 0.1792

Previews

White Background



This preview shows how the Yxy color 59.2849, 0.2946, 0.3229 looks on a white background.

Color Contrast Check

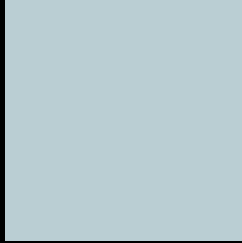
Large Text (above 18pt) WCAG AA × Fail

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 59.2849, 0.2946, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

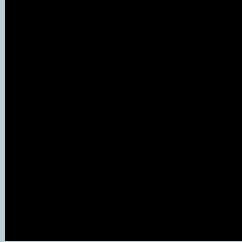
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

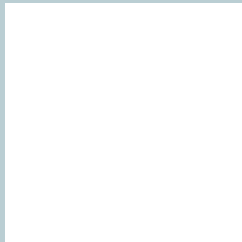
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2849, 0.2946, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 59.2849, 0.2946, 0.3229.



This preview shows how white text looks on a background with the Yxy color 59.2849, 0.2946, 0.3229.

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

59.2849, 0.2946, 0.3229

Protanopia

59.1647, 0.3100, 0.3208

Deuteranopia

59.0357, 0.3168, 0.3098



Tritanopia

59.0976, 0.2894, 0.3088

Trichromacy



Original Color

59.2849, 0.2946, 0.3229

Protanomaly

59.1856, 0.3040, 0.3219

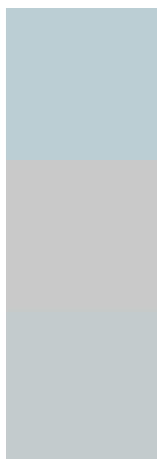
Deuteranomaly

59.1838, 0.3087, 0.3151

Tritanomaly

59.2372, 0.2913, 0.3146

Monochromacy



Original Color

59.2849, 0.2946, 0.3229

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8554, 0.3060, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2849, 0.2946, 0.3229 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, 206, 211)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 211)  
}
```

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, 206, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.2849, 0.2946, 0.3229 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, 206, 211) }
```

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

```
.border{ border-color:rgb(186, 206, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2849, 0.2946, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 211) }
```

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

```
.background{ background-color: rgb(186,  
206, 211) }
```

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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