

Converting Colors

$Yxy(59.6737, 0.2947, 0.3229)$

Have a look what the booklet for
Yxy(59.6737, 0.2947, 0.3229)
contains.

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Color

Yxy(59.9439, 0.2947, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	BBCFD4
RGB	187, 207, 212
RGB Percent	73%, 81%, 83%
CMY	0.2665, 0.1882, 0.1688
CMYK	0.12, 0.02, 0.00, 0.17
HSL	192°, 22%, 78%
HSV	192°, 12%, 83%
XYZ	54.6918, 59.9439, 70.9491
YIQ	201.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

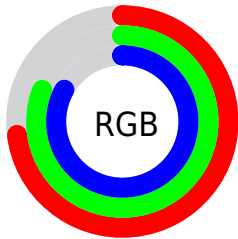
Format	Color
R_{YB}	187, 198, 212
Decimal	12308436
CIE _{Lab}	81.81, -5.71, -4.76
CIE _{LCh}	82, 7.430, 219.805
Yxy	59.9439, 0.2947, 0.3230
Android (android.graphics.Color)	4290498516 (0xFFBBCFD4)
YUV	201.5900, 5.1321, -12.7954
Hunter-Lab	77.4234, -9.3988, -0.1356

Details

The Yxy color **59.9439, 0.2947, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2781, 0.3330, 0.3349**, and the grayscale version is **58.7711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **30.2851, 0.2908, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **55.4497, 0.2797, 0.3174**, and if you desaturate by 10%, it is **64.8924, 0.3100, 0.3281**.

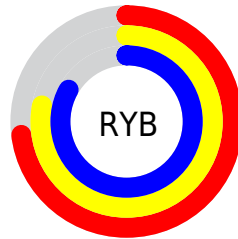
Distribution



Red (73%)

Green (81%)

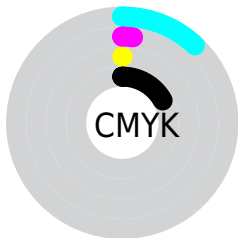
Blue (83%)



Red (73%)

Yellow (78%)

Blue (83%)

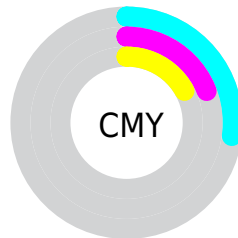


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (17%)



Cyan (27%)


Magenta (19%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9439, 0.2947, 0.3230 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 59.9439, 0.2947, 0.3230 by changing the saturation by 10% instead.


 59.9439, 0.2947,
0.3230

 59.9439, 0.2947,
0.3230

424.3910, 0.3033,
0.3259

 43.3734, 0.2927,
0.3223


 104.7483, 0.2977,
0.3241

 30.1782, 0.2901,
0.3214


133.7510, 0.2989,
0.3245

 19.9739, 0.2869,
0.3202


167.6665, 0.2999,
0.3248

 12.3761, 0.2825,
0.3186

206.8793, 0.3008,
0.3251

 7.0003, 0.2763,
0.3162

251.7738, 0.3015,
0.3253

 3.4623, 0.2670,
0.3126

302.7343, 0.3022,

 1.3776, 0.2513,

0.3256

0.3061

360.1452, 0.3028,
0.3258

0.2001, 0.0635,
0.2497

0.0000, 0.0000,
0.0000

59.9439, 0.2947,
0.3230

59.9439, 0.2947,
0.3230

55.4497, 0.2797,
0.3174

64.8924, 0.3100,
0.3281

51.3845, 0.2654,
0.3113

70.3041, 0.3254,
0.3328

47.7320, 0.2521,
0.3048

76.1974, 0.3406,
0.3370

44.4717, 0.2400,
0.2980

79.2563, 0.3432,
0.3411

■ 41.5812, 0.2296,
0.2909

■ 81.5507, 0.3425,
0.3453

■ 39.0354, 0.2209,
0.2836

■ 83.9018, 0.3418,
0.3494

■ 36.8056, 0.2141,
0.2763

■ 86.3099, 0.3411,
0.3536

■ 34.8576, 0.2093,
0.2691

■ 88.7754, 0.3404,
0.3576

■ 33.4157, 0.2065,
0.2632

■ 91.2988, 0.3398,
0.3617

Harmonies

Analogous

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



59.9439, 0.2991, 0.3316



59.9439, 0.2947, 0.3230



59.9439, 0.2951, 0.3162

Triad

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



59.9439, 0.2947, 0.3230



59.9439, 0.3182, 0.3187



59.9439, 0.3254, 0.3454

Complementary

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



59.9439, 0.2947, 0.3230



55.2781, 0.3330, 0.3349

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.



59.9439, 0.3307, 0.3416



59.9439, 0.2947, 0.3230



59.9439, 0.3265, 0.3262

Square

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



59.9439, 0.2947, 0.3230



59.9439, 0.3085, 0.3139



59.9439, 0.3311, 0.3346



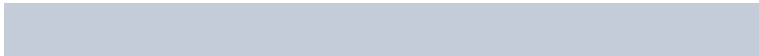
59.9439, 0.3167, 0.3448

Rectangle

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



59.9439, 0.2947, 0.3230



59.9439, 0.2979, 0.3135



59.9439, 0.3311, 0.3346



59.9439, 0.3276, 0.3446

Sweetspot

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



59.9464, 0.2947, 0.3230



96.8280, 0.3065, 0.3270



61.4253, 0.3082, 0.3538



20.6002, 0.3053, 0.3266



0.0000, 0.0000, 0.0000



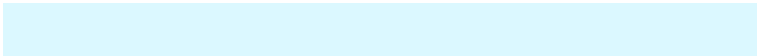
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9464, 0.2947, 0.3230



89.3964, 0.2911, 0.3217



54.3185, 0.2944, 0.3083



13.6683, 0.2983, 0.3242



20.7814, 0.2067, 0.2642



1.3627, 0.2102, 0.2766

Inverse Universe

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



54.0515, 0.3179, 0.3058



78.8505, 0.3190, 0.3010



60.7989, 0.3313, 0.3489



12.5884, 0.3168, 0.3105



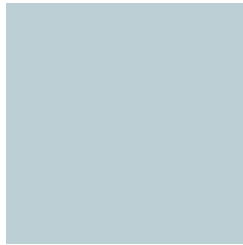
10.4427, 0.3783, 0.1858



0.6409, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 59.9439, 0.2947, 0.3230 looks on a white background.

Color Contrast Check

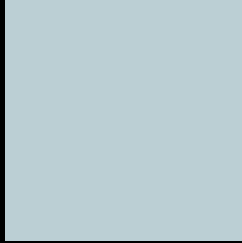
Large Text (above 18pt) WCAG AA × Fail

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 59.9439, 0.2947, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

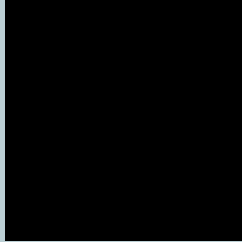
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

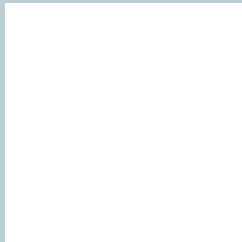
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9439, 0.2947, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 59.9439, 0.2947, 0.3230.



This preview shows how white text looks on a background with the Yxy color 59.9439, 0.2947, 0.3230.

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

59.9439, 0.2947, 0.3230

Protanopia

59.8236, 0.3100, 0.3209

Deuteranopia

59.6930, 0.3168, 0.3099



Tritanopia

59.7554, 0.2895, 0.3089

Trichromacy



Original Color

59.9439, 0.2947, 0.3230

Protanomaly

59.8446, 0.3040, 0.3219

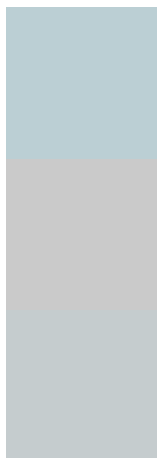
Deuteranomaly

59.8428, 0.3088, 0.3152

Tritanomaly

59.8959, 0.2914, 0.3147

Monochromacy



Original Color

59.9439, 0.2947, 0.3230

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5123, 0.3060, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9439, 0.2947, 0.3230 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(187, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 212)  
}
```

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(187, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 59.9439, 0.2947, 0.3230 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(187, 207, 212) }
```

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

```
.border{ border-color:rgb(187, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9439, 0.2947, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 212) }
```

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

```
.background{ background-color: rgb(187,  
207, 212) }
```

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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