

Converting Colors

$Yxy(66.3075, 0.2941, 0.3533)$

Have a look what the booklet for
Yxy(66.3075, 0.2941, 0.3533)
contains.

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Color

Yxy(66.4343, 0.2939, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	B1DFCB
RGB	177, 223, 203
RGB Percent	69%, 87%, 80%
CMY	0.3060, 0.1255, 0.2039
CMYK	0.21, 0.00, 0.09, 0.13
HSL	154°, 42%, 78%
HSV	154°, 21%, 87%
XYZ	55.2961, 66.4343, 66.4155
YIQ	206.9660, -20.9960, -15.9720

Conversions

Conversions Part 2

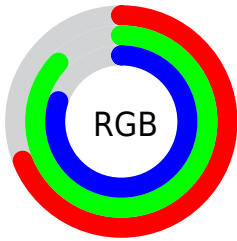
Format	Color
RYB	177, 206, 223
Decimal	11657163
CIELab	85.22, -18.88, 4.90
CIElCh	85, 19.504, 165.459
Yxy	66.4343, 0.2939, 0.3531
Android (android.graphics.Color)	4289847243 (0xFFB1DFCB)
YUV	206.9660, -1.9552, -26.2802
Hunter-Lab	81.5072, -21.5399, 8.7431

Details

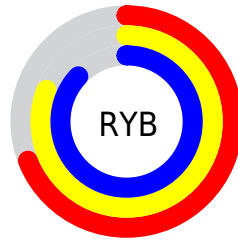
The Yxy color **66.4343, 0.2939, 0.3531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1560, 0.3365, 0.3061**, and the grayscale version is **62.3964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **34.4603, 0.2895, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **63.5815, 0.2855, 0.3667**, and if you desaturate by 10%, it is **69.7494, 0.3029, 0.3408**.

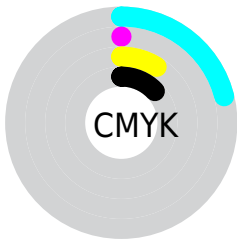
Distribution



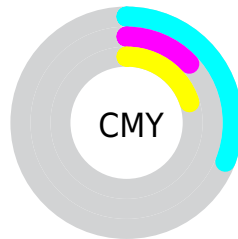
- Red (69%)
- Green (87%)
- Blue (80%)



- Red (69%)
- Yellow (81%)
- Blue (87%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)




- Cyan (31%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4343, 0.2939, 0.3531 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 66.4343, 0.2939, 0.3531 by changing the saturation by 10% instead.


 66.4343, 0.2939,
0.3531

 66.4343, 0.2939,
0.3531


447.9285, 0.3028,
0.3416

 48.6250, 0.2918,
0.3558


 114.1094, 0.2971,
0.3490

 34.3221, 0.2892,
0.3593


144.7441, 0.2983,
0.3475

 23.1412, 0.2858,
0.3637


180.4227, 0.2993,
0.3461

 14.6978, 0.2812,
0.3697

221.5297, 0.3002,
0.3450

 8.6076, 0.2749,
0.3782

268.4493, 0.3010,
0.3440

 4.4861, 0.2653,
0.3910

321.5661, 0.3017,

 1.9490, 0.2494,


0.3431


0.4129


381.2643, 0.3023,
0.3423

 0.5776, 0.0925,
0.6066


 0.0000, 0.0000,
0.0000


 66.4343, 0.2939,
0.3531


 66.4343, 0.2939,
0.3531


 63.5815, 0.2855,
0.3667


 69.7494, 0.3029,
0.3408


 61.1614, 0.2780,
0.3814


 73.5383, 0.3121,
0.3297


 59.1538, 0.2717,
0.3972


 77.8226, 0.3215,
0.3198


 57.5335, 0.2669,
0.4138


 80.4365, 0.3229,
0.3106


 56.2722, 0.2640,
0.4308

 81.0335, 0.3165,
0.3013

 55.3380, 0.2630,
0.4479

 81.2599, 0.3142,
0.2980

 54.6927, 0.2641,
0.4647

 54.2895, 0.2666,
0.4799

Harmonies

Analogous

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



66.4343, 0.3177, 0.3684



66.4343, 0.2939, 0.3531



66.4343, 0.2756, 0.3309

Triad

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



66.4343, 0.2939, 0.3531



66.4343, 0.2842, 0.2886



66.4343, 0.3606, 0.3458

Complementary

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



66.4343, 0.2939, 0.3531



51.1560, 0.3365, 0.3061

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.



66.4343, 0.3510, 0.3254



66.4343, 0.2939, 0.3531



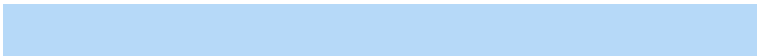
66.4343, 0.3063, 0.2933

Square

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



66.4343, 0.2939, 0.3531



66.4343, 0.2702, 0.2941



66.4343, 0.3308, 0.3065



66.4343, 0.3567, 0.3630

Rectangle

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



66.4343, 0.2939, 0.3531



66.4343, 0.2687, 0.3160



66.4343, 0.3308, 0.3065



66.4343, 0.3589, 0.3391

Sweetspot

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



66.4371, 0.2939, 0.3531



96.7921, 0.3071, 0.3355



67.9175, 0.3248, 0.3835



20.6459, 0.3065, 0.3362



0.0000, 0.0000, 0.0000



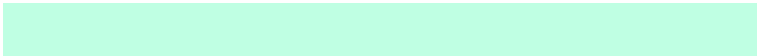
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4371, 0.2939, 0.3531



88.1917, 0.2900, 0.3591



66.2313, 0.2818, 0.3262



15.4665, 0.3039, 0.3394



31.9418, 0.2660, 0.4775



2.2319, 0.2590, 0.4523

Inverse Universe

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



51.1560, 0.3365, 0.3061



63.7423, 0.3431, 0.3008



51.2161, 0.3534, 0.3318



13.7989, 0.3224, 0.3189



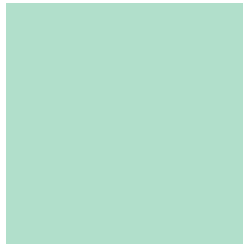
9.7522, 0.5228, 0.2653



0.6937, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 66.4343, 0.2939, 0.3531 looks on a white background.

Color Contrast Check

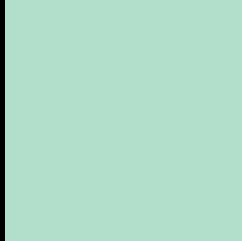
Large Text (above 18pt) WCAG AA × Fail

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 66.4343, 0.2939, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

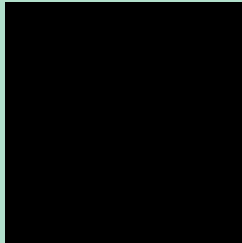
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

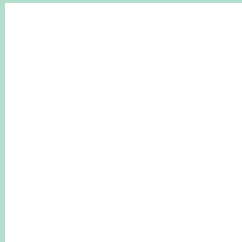
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4343, 0.2939, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 66.4343, 0.2939, 0.3531.

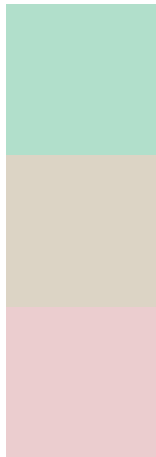


This preview shows how white text looks on a background with the Yxy color 66.4343, 0.2939, 0.3531.

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

66.4343, 0.2939, 0.3531

Protanopia

66.3338, 0.3292, 0.3459

Deuteranopia

65.8298, 0.3345, 0.3269



Tritanopia

66.2662, 0.2779, 0.3082

Trichromacy



Original Color

66.4343, 0.2939, 0.3531

Protanomaly

66.0726, 0.3154, 0.3487

Deuteranomaly

65.8393, 0.3183, 0.3358

Tritanomaly

66.3920, 0.2838, 0.3242

Monochromacy



Original Color

66.4343, 0.2939, 0.3531

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.7805, 0.3051, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4343, 0.2939, 0.3531 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(177, 223, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 223, 203)  
}
```

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(177, 223, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 223, 203) }
```

Border

The CSS property to change the border of an element to Yxy 66.4343, 0.2939, 0.3531 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(177, 223, 203) }
```

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

```
.border{ border-color:rgb(177, 223, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 223, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 223, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 223, 203);  
box-shadow:4px 4px 4px 4px rgb(177, 223,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4343, 0.2939, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 223, 203) }
```

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

```
.background{ background-color: rgb(177,  
223, 203) }
```

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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