

Converting Colors

Yxy(53.8406, 0.3114, 0.3586)

Have a look what the booklet for
Yxy(53.8406, 0.3114, 0.3586)
contains.

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Color

Yxy(53.8300, 0.3113, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	B1C8B1
RGB	177, 200, 177
RGB Percent	69%, 78%, 69%
CMY	0.3060, 0.2156, 0.3059
CMYK	0.12, 0.00, 0.12, 0.22
HSL	120°, 17%, 74%
HSV	120°, 12%, 78%
XYZ	46.7167, 53.8300, 49.5230
YIQ	190.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

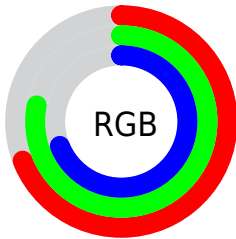
Format	Color
RYB	177, 200, 200
Decimal	11651249
CIELab	78.36, -12.14, 8.89
CIElCh	78, 15.047, 143.805
Yxy	53.8300, 0.3113, 0.3587
Android (android.graphics.Color)	4289841329 (0xFFB1C8B1)
YUV	190.5010, -6.6560, -11.8404
Hunter-Lab	73.3689, -14.7381, 11.3383

Details

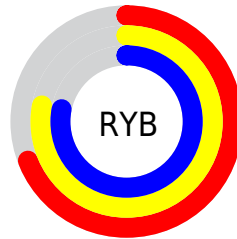
The Yxy color **53.8300, 0.3113, 0.3587** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8837, 0.3141, 0.3010**, and the grayscale version is **51.8370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7268, 0.3117, 0.3512**, and **26.2981, 0.3109, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **50.9144, 0.3099, 0.3882**, and if you desaturate by 10%, it is **57.2110, 0.3125, 0.3327**.

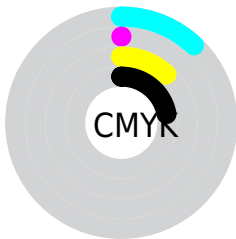
Distribution



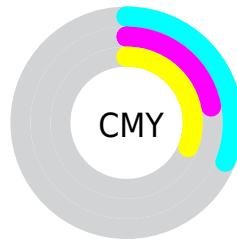
- Red (69%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)




- Cyan (31%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8300, 0.3113, 0.3587 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 53.8300, 0.3113, 0.3587 by changing the saturation by 10% instead.

 53.8300, 0.3113,
0.3587

 53.8300, 0.3113,
0.3587


401.4614, 0.3121,
0.3439

 38.4658, 0.3111,
0.3624


 95.8246, 0.3116,
0.3533

 26.3444, 0.3107,
0.3671


123.2237, 0.3117,
0.3513

 17.0815, 0.3102,
0.3733


155.4033, 0.3118,
0.3496

 10.2926, 0.3095,
0.3820

192.7477, 0.3119,
0.3482

 5.5934, 0.3083,
0.3949

235.6413, 0.3120,
0.3469

 2.5994, 0.3059,
0.4160

284.4686, 0.3120,

 0.9264, 0.3076,

0.3458

0.4884

339.6138, 0.3121,
0.3448

0.0000, 0.0000,
0.0000

53.8300, 0.3113,
0.3587

53.8300, 0.3113,
0.3587

50.9144, 0.3099,
0.3882

57.2110, 0.3125,
0.3327

48.4374, 0.3083,
0.4209

61.0692, 0.3136,
0.3100

46.3799, 0.3067,
0.4558

65.4247, 0.3146,
0.2905

44.7186, 0.3050,
0.4916

69.7940, 0.3152,
0.2752

43.4280, 0.3034,
0.5258

■ 42.4797, 0.3020,
0.5557

■ 41.8413, 0.3009,
0.5788

■ 41.4740, 0.3003,
0.5933

■ 41.3146, 0.3000,
0.5999

Harmonies

Analogous

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



53.8300, 0.3311, 0.3645



53.8300, 0.3113, 0.3587



53.8300, 0.2923, 0.3441

Triad

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



53.8300, 0.3113, 0.3587



53.8300, 0.2798, 0.2979



53.8300, 0.3476, 0.3309

Complementary

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



53.8300, 0.3113, 0.3587



47.8837, 0.3141, 0.3010

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.



53.8300, 0.3330, 0.3144



53.8300, 0.3113, 0.3587



53.8300, 0.2937, 0.2956

Square

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



53.8300, 0.3113, 0.3587



53.8300, 0.2745, 0.3086



53.8300, 0.3131, 0.3016



53.8300, 0.3525, 0.3476

Rectangle

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



53.8300, 0.3113, 0.3587



53.8300, 0.2826, 0.3318



53.8300, 0.3131, 0.3016



53.8300, 0.3436, 0.3252

Sweetspot

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



53.8323, 0.3113, 0.3587



98.0955, 0.3124, 0.3364



56.7683, 0.3297, 0.3571



20.8903, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



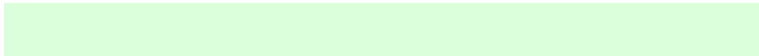
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8323, 0.3113, 0.3587



91.7593, 0.3109, 0.3663



54.3100, 0.3032, 0.3437



11.8881, 0.3116, 0.3528



26.2659, 0.3000, 0.5999



1.2438, 0.2999, 0.5996

Inverse Universe

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



47.8837, 0.3141, 0.3010



79.2968, 0.3144, 0.2943



47.3665, 0.3235, 0.3148



10.8164, 0.3138, 0.3063



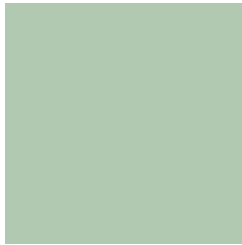
10.4518, 0.3212, 0.1543



0.4950, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 53.8300, 0.3113, 0.3587 looks on a white background.

Color Contrast Check

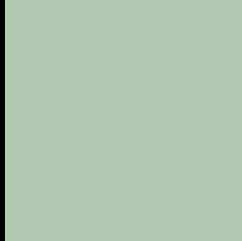
Large Text (above 18pt) WCAG AA × Fail

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 53.8300, 0.3113, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

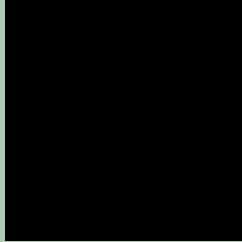
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

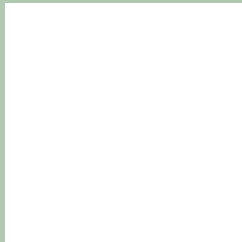
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8300, 0.3113, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 53.8300, 0.3113, 0.3587.



This preview shows how white text looks on a background with the Yxy color 53.8300, 0.3113, 0.3587.

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

53.8300, 0.3113, 0.3587

Protanopia

53.7136, 0.3355, 0.3536

Deuteranopia

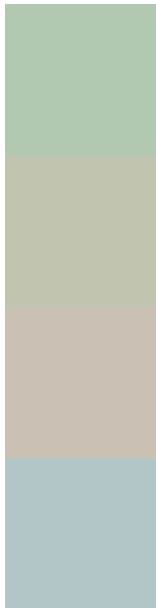
53.5876, 0.3439, 0.3373



Tritanopia

53.6784, 0.2913, 0.3093

Trichromacy



Original Color

53.8300, 0.3113, 0.3587

Protanomaly

53.8733, 0.3268, 0.3566

Deuteranomaly

53.5105, 0.3310, 0.3450

Tritanomaly

53.7593, 0.2981, 0.3265

Monochromacy



Original Color

53.8300, 0.3113, 0.3587

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.4006, 0.3122, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8300, 0.3113, 0.3587 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, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 177)  
}
```

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, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.8300, 0.3113, 0.3587 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, 200, 177) }
```

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

```
.border{ border-color:rgb(177, 200, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8300, 0.3113, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 200, 177) }
```

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

```
.background{ background-color: rgb(177,  
200, 177) }
```

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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