

Converting Colors

$Yxy(56.9637, 0.3090, 0.3583)$

Have a look what the booklet for
Yxy(56.9637, 0.3090, 0.3583)
contains.

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Color

Yxy(57.1037, 0.3090, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	B3CEB6
RGB	179, 206, 182
RGB Percent	70%, 81%, 71%
CMY	0.2982, 0.1921, 0.2863
CMYK	0.13, 0.00, 0.12, 0.19
HSL	127°, 22%, 75%
HSV	127°, 13%, 81%
XYZ	49.0958, 57.1037, 52.6867
YIQ	195.1910, -8.3880, -13.1880

Conversions

Conversions Part 2

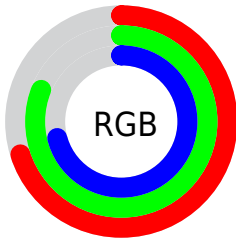
Format	Color
RYB	179, 203, 206
Decimal	11783862
CIELab	80.24, -13.64, 8.91
CIELCh	80, 16.292, 146.840
Yxy	57.1037, 0.3090, 0.3594
Android (android.graphics.Color)	4289973942 (0xFFB3CEB6)
YUV	195.1910, -6.5032, -14.1995
Hunter-Lab	75.5670, -16.2709, 11.5588

Details

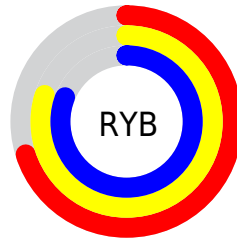
The Yxy color **57.1037, 0.3090, 0.3594** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6551, 0.3166, 0.3004**, and the grayscale version is **54.7323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3552, 0.3101, 0.3460**, and **28.4771, 0.3079, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **54.1255, 0.3061, 0.3860**, and if you desaturate by 10%, it is **60.5521, 0.3118, 0.3358**.

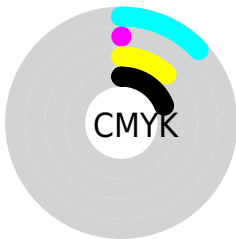
Distribution



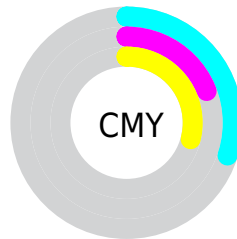
- Red (70%)
- Green (81%)
- Blue (71%)



- Red (70%)
- Yellow (80%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)





- Cyan (30%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1037, 0.3090, 0.3594 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 57.1037, 0.3090, 0.3594 by changing the saturation by 10% instead.


 57.1037, 0.3090,
0.3594

 57.1037, 0.3090,
0.3594


413.8378, 0.3109,
0.3444

 41.0885, 0.3085,
0.3631


 100.6165, 0.3097,
0.3540

 28.3882, 0.3078,
0.3678


128.8829, 0.3100,
0.3520

 18.6185, 0.3069,
0.3740


162.0018, 0.3102,
0.3502

 11.3950, 0.3056,
0.3825

200.3576, 0.3104,
0.3487

 6.3332, 0.3035,
0.3950

244.3347, 0.3106,
0.3474

 3.0487, 0.3000,
0.4151

294.3175, 0.3107,

 1.1572, 0.2962,

0.3463

0.4606

350.6904, 0.3108,
0.3453

0.0263, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1037, 0.3090,
0.3594

57.1037, 0.3090,
0.3594

54.1255, 0.3061,
0.3860

60.5521, 0.3118,
0.3358

51.5904, 0.3033,
0.4154

64.4823, 0.3146,
0.3151

49.4791, 0.3006,
0.4471

68.9145, 0.3171,
0.2972

47.7686, 0.2984,
0.4798

72.6312, 0.3150,
0.2812

■ 46.4333, 0.2968,
0.5119

■ 45.4447, 0.2960,
0.5414

■ 44.7703, 0.2962,
0.5660

■ 44.3713, 0.2971,
0.5841

■ 44.2138, 0.2979,
0.5925

Harmonies

Analogous

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



57.1037, 0.3302, 0.3666



57.1037, 0.3090, 0.3594



57.1037, 0.2893, 0.3431

Triad

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



57.1037, 0.3090, 0.3594



57.1037, 0.2789, 0.2954



57.1037, 0.3508, 0.3329

Complementary

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



57.1037, 0.3090, 0.3594



49.6551, 0.3166, 0.3004

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.



57.1037, 0.3362, 0.3151



57.1037, 0.3090, 0.3594



57.1037, 0.2944, 0.2939

Square

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



57.1037, 0.3090, 0.3594



57.1037, 0.2723, 0.3058



57.1037, 0.3154, 0.3011



57.1037, 0.3549, 0.3503

Rectangle

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



57.1037, 0.3090, 0.3594



57.1037, 0.2795, 0.3299



57.1037, 0.3154, 0.3011



57.1037, 0.3469, 0.3268

Sweetspot

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



57.1061, 0.3090, 0.3594



97.5471, 0.3116, 0.3378



60.1441, 0.3301, 0.3614



20.7834, 0.3114, 0.3395



0.0000, 0.0000, 0.0000



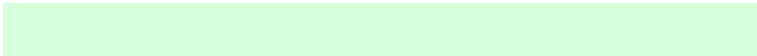
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1061, 0.3090, 0.3594



90.9496, 0.3081, 0.3672



57.6777, 0.3000, 0.3425



12.5571, 0.3101, 0.3502



27.2274, 0.2975, 0.5911



1.4117, 0.2906, 0.5660

Inverse Universe

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



49.6551, 0.3166, 0.3004



76.3824, 0.3177, 0.2935



49.0525, 0.3274, 0.3159



11.3812, 0.3155, 0.3087



10.1899, 0.3512, 0.1708



0.5320, 0.3445, 0.1672

Previews

White Background



This preview shows how the Yxy color 57.1037, 0.3090, 0.3594 looks on a white background.

Color Contrast Check

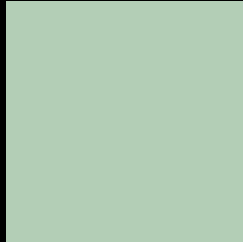
Large Text (above 18pt) WCAG AA × Fail

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 57.1037, 0.3090, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

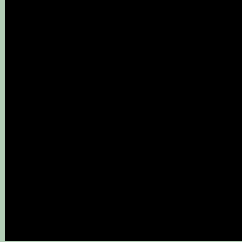
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

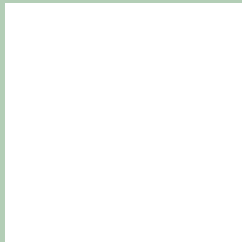
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1037, 0.3090, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 57.1037, 0.3090, 0.3594.

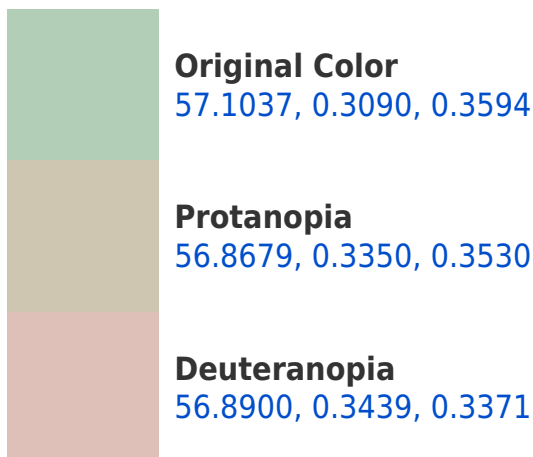


This preview shows how white text looks on a background with the Yxy color 57.1037, 0.3090, 0.3594.

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

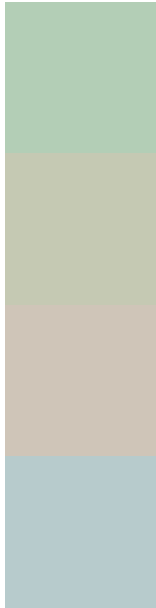




Tritanopia

57.0973, 0.2897, 0.3097

Trichromacy



Original Color

57.1037, 0.3090, 0.3594

Protanomaly

56.8983, 0.3256, 0.3560

Deuteranomaly

56.6586, 0.3305, 0.3446

Tritanomaly

57.1388, 0.2970, 0.3277

Monochromacy



Original Color

57.1037, 0.3090, 0.3594

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3834, 0.3114, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1037, 0.3090, 0.3594 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(179, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 182)  
}
```

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(179, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 182) }
```

Border

The CSS property to change the border of an element to Yxy 57.1037, 0.3090, 0.3594 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(179, 206, 182) }
```

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

```
.border{ border-color:rgb(179, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(179, 206,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1037, 0.3090, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 206, 182) }
```

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

```
.background{ background-color: rgb(179,  
206, 182) }
```

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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