

Converting Colors

Yxy(51.9999, 0.2886, 0.3187)

Have a look what the booklet for
Yxy(51.9999, 0.2886, 0.3187)
contains.

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Color

Yxy(51.9999, 0.2886, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	ABC3CB
RGB	171, 195, 203
RGB Percent	67%, 76%, 80%
CMY	0.3295, 0.2353, 0.2038
CMYK	0.16, 0.04, 0.00, 0.20
HSL	195°, 24%, 73%
HSV	195°, 16%, 80%
XYZ	47.0887, 51.9999, 64.0739
YIQ	188.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

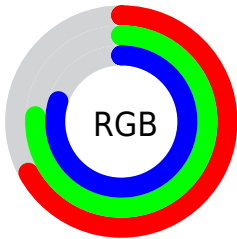
Format	Color
RYB	171, 185, 203
Decimal	11256779
CIELab	77.28, -6.44, -6.77
CIELCh	77, 9.341, 226.447
Yxy	51.9999, 0.2886, 0.3187
Android (android.graphics.Color)	4289446859 (0xFFABC3CB)
YUV	188.7360, 7.0322, -15.5545
Hunter-Lab	72.1110, -9.6330, -2.2042

Details

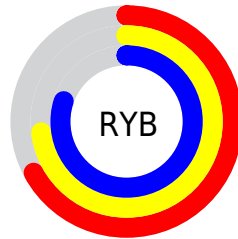
The Yxy color **51.9999, 0.2886, 0.3187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.8834, 0.3407, 0.3391**, and the grayscale version is **50.6967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1717, 0.2957, 0.3259**, and **25.0712, 0.2817, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **47.6550, 0.2737, 0.3114**, and if you desaturate by 10%, it is **56.7769, 0.3039, 0.3254**.

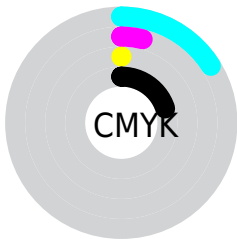
Distribution



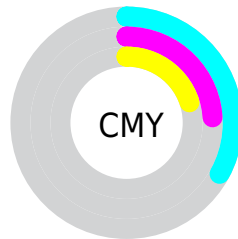
- Red (67%)
- Green (76%)
- Blue (80%)



- Red (67%)
- Yellow (73%)
- Blue (80%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9999, 0.2886, 0.3187 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 51.9999, 0.2886, 0.3187 by changing the saturation by 10% instead.

■ 51.9999, 0.2886,
0.3187

■ 51.9999, 0.2886,
0.3187

394.4362, 0.3004,
0.3239

■ 37.0050, 0.2858,
0.3174

■ 93.1311, 0.2928,
0.3206

■ 25.2114, 0.2821,
0.3158

120.0362, 0.2944,
0.3213

■ 16.2346, 0.2774,
0.3136

151.6801, 0.2958,
0.3219

■ 9.6903, 0.2710,
0.3105

188.4473, 0.2969,
0.3224

■ 5.1941, 0.2617,
0.3060

230.7221, 0.2980,
0.3228

■ 2.3616, 0.2472,
0.2985

278.8889, 0.2989,

■ 0.8060, 0.2160,

0.3232

0.2858

333.3321, 0.2996,
0.3236

0.0000, 0.0000,
0.0000

51.9999, 0.2886,
0.3187

51.9999, 0.2886,
0.3187

47.6550, 0.2737,
0.3114

56.7769, 0.3039,
0.3254

43.7190, 0.2593,
0.3035

61.9951, 0.3192,
0.3315

40.1762, 0.2460,
0.2950

67.6715, 0.3343,
0.3369

37.0071, 0.2339,
0.2862

73.8202, 0.3490,
0.3418

34.1901, 0.2234,
0.2770

76.9836, 0.3501,
0.3468

■ 31.7013, 0.2147,
0.2677

■ 79.6999, 0.3491,
0.3518

■ 29.5128, 0.2080,
0.2584

■ 82.4981, 0.3481,
0.3568

■ 27.5902, 0.2032,
0.2491

■ 85.3789, 0.3472,
0.3618

■ 26.8321, 0.2015,
0.2452

■ 88.3430, 0.3462,
0.3667

Harmonies

Analogous

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



51.9999, 0.2930, 0.3298



51.9999, 0.2886, 0.3187



51.9999, 0.2905, 0.3107

Triad

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



51.9999, 0.2886, 0.3187



51.9999, 0.3226, 0.3174



51.9999, 0.3271, 0.3510

Complementary

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



51.9999, 0.2886, 0.3187



47.8834, 0.3407, 0.3391

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.



51.9999, 0.3354, 0.3471



51.9999, 0.2886, 0.3187



51.9999, 0.3328, 0.3277

Square

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



51.9999, 0.2886, 0.3187



51.9999, 0.3099, 0.3102



51.9999, 0.3375, 0.3385



51.9999, 0.3151, 0.3489

Rectangle

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



51.9999, 0.2886, 0.3187



51.9999, 0.2951, 0.3080



51.9999, 0.3375, 0.3385



51.9999, 0.3304, 0.3504

Sweetspot

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



52.0021, 0.2886, 0.3187



95.6414, 0.3050, 0.3259



54.6370, 0.3052, 0.3602



20.3434, 0.3039, 0.3254



0.0000, 0.0000, 0.0000



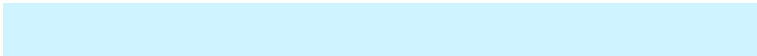
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0021, 0.2886, 0.3187



84.4428, 0.2834, 0.3162



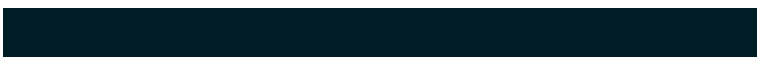
45.2069, 0.2878, 0.2977



12.2327, 0.2983, 0.3231



17.2209, 0.2018, 0.2465



1.0043, 0.2068, 0.2645

Inverse Universe

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



45.7601, 0.3212, 0.2997



72.1310, 0.3234, 0.2930



54.6792, 0.3376, 0.3585



11.3539, 0.3175, 0.3118



9.5415, 0.3957, 0.1954



0.5039, 0.3781, 0.1856

Previews

White Background



This preview shows how the Yxy color 51.9999, 0.2886, 0.3187 looks on a white background.

Color Contrast Check

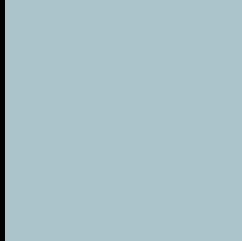
Large Text (above 18pt) WCAG AA × Fail

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 51.9999, 0.2886, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

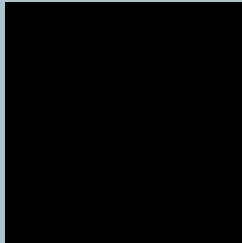
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

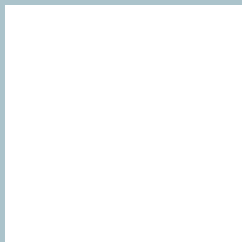
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9999, 0.2886, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 51.9999, 0.2886, 0.3187.



This preview shows how white text looks on a background with the Yxy color 51.9999, 0.2886, 0.3187.

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

51.9999, 0.2886, 0.3187

Protanopia

51.6417, 0.3061, 0.3154

Deuteranopia

51.6623, 0.3114, 0.3051



Tritanopia

51.9577, 0.2853, 0.3100

Trichromacy



Original Color

51.9999, 0.2886, 0.3187

Protanomaly

51.6690, 0.2998, 0.3165

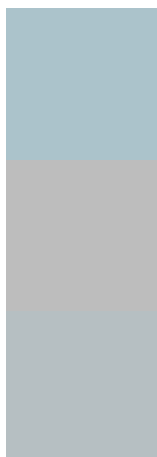
Deuteranomaly

51.8312, 0.3031, 0.3106

Tritanomaly

51.8592, 0.2866, 0.3125

Monochromacy



Original Color

51.9999, 0.2886, 0.3187

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1017, 0.3033, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9999, 0.2886, 0.3187 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(171, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 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(171, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 203) }
```

Border

The CSS property to change the border of an element to Yxy 51.9999, 0.2886, 0.3187 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(171, 195, 203) }
```

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

```
.border{ border-color:rgb(171, 195, 203) }
```

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

Here you see how a box with a 4 pixel rgb(171, 195, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9999, 0.2886, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 203) }
```

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

```
.background{ background-color: rgb(171,  
195, 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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