

Converting Colors

$Y_{xy}(55.5016, 0.2985, 0.3370)$

Have a look what the booklet for
Yxy(55.5016, 0.2985, 0.3370)
contains.

Yxy(55.5283, 0.2987, 0.3378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5283, 0.2987, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	B1CAC3
RGB	177, 202, 195
RGB Percent	69%, 79%, 76%
CMY	0.3059, 0.2078, 0.2353
CMYK	0.12, 0.00, 0.03, 0.21
HSL	163°, 19%, 74%
HSV	163°, 12%, 79%
XYZ	49.1010, 55.5283, 59.7529
YIQ	193.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

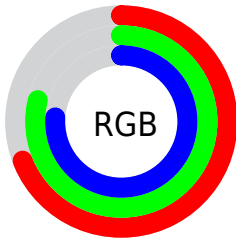
Format	Color
RYB	177, 192, 202
Decimal	11651779
CIELab	79.34, -9.77, 0.64
CIELCh	79, 9.796, 176.230
Yxy	55.5283, 0.2987, 0.3378
Android (android.graphics.Color)	4289841859 (0xFFB1CAC3)
YUV	193.7270, 0.6276, -14.6696
Hunter-Lab	74.5173, -12.7881, 4.6195

Details

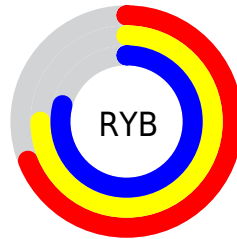
The Yxy color **55.5283, 0.2987, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4630, 0.3290, 0.3204**, and the grayscale version is **53.7815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8719, 0.3010, 0.3319**, and **27.3880, 0.2951, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **53.0799, 0.2879, 0.3457**, and if you desaturate by 10%, it is **58.3422, 0.3100, 0.3306**.

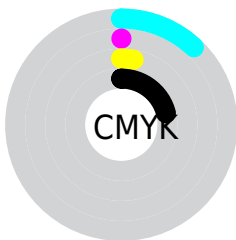
Distribution



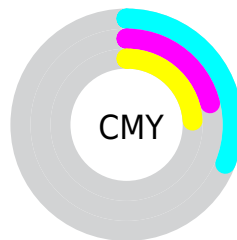
- Red (69%)
- Green (79%)
- Blue (76%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5283, 0.2987, 0.3378 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 55.5283, 0.2987, 0.3378 by changing the saturation by 10% instead.


 55.5283, 0.2987,
0.3378

 55.5283, 0.2987,
0.3378

407.9114, 0.3055,
0.3335

 39.8249, 0.2971,
0.3388


 98.3146, 0.3011,
0.3363

 27.4020, 0.2950,
0.3401


126.1662, 0.3021,
0.3357

 17.8754, 0.2923,
0.3419


158.8360, 0.3028,
0.3352

 10.8606, 0.2886,
0.3442

196.7083, 0.3035,
0.3348

 5.9731, 0.2832,
0.3476

240.1677, 0.3041,
0.3344

 2.8288, 0.2749,
0.3529

289.5984, 0.3046,

 1.0430, 0.2591,

0.3341

0.3629

345.3848, 0.3051,
0.3338

0.0000, 0.0000,
0.0000

55.5283, 0.2987,
0.3378

55.5283, 0.2987,
0.3378

53.0799, 0.2879,
0.3457

58.3422, 0.3100,
0.3306

50.9746, 0.2780,
0.3544

61.5292, 0.3215,
0.3241

49.1980, 0.2691,
0.3636

65.1053, 0.3332,
0.3184

47.7322, 0.2617,
0.3734

68.5481, 0.3425,
0.3132

46.5573, 0.2558,
0.3837

68.8494, 0.3382,
0.3075

■ 45.6513, 0.2519,
0.3942

■ 69.1609, 0.3339,
0.3019

■ 44.9888, 0.2499,
0.4048

■ 69.4827, 0.3297,
0.2963

■ 44.5394, 0.2499,
0.4154

■ 69.8150, 0.3256,
0.2909

■ 44.2983, 0.2509,
0.4233

■ 70.1578, 0.3215,
0.2855

Harmonies

Analogous

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



55.5283, 0.3109, 0.3473



55.5283, 0.2987, 0.3378



55.5283, 0.2904, 0.3260

Triad

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



55.5283, 0.2987, 0.3378



55.5283, 0.3014, 0.3073



55.5283, 0.3382, 0.3420

Complementary

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



55.5283, 0.2987, 0.3378



47.4630, 0.3290, 0.3204

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.



55.5283, 0.3356, 0.3314



55.5283, 0.2987, 0.3378



55.5283, 0.3142, 0.3116

Square

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



55.5283, 0.2987, 0.3378



55.5283, 0.2919, 0.3086



55.5283, 0.3267, 0.3203



55.5283, 0.3338, 0.3495

Rectangle

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



55.5283, 0.2987, 0.3378



55.5283, 0.2880, 0.3185



55.5283, 0.3267, 0.3203



55.5283, 0.3381, 0.3387

Sweetspot

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



55.5306, 0.2987, 0.3378



97.9336, 0.3081, 0.3318



55.6190, 0.3167, 0.3606



20.8811, 0.3072, 0.3323



0.0000, 0.0000, 0.0000



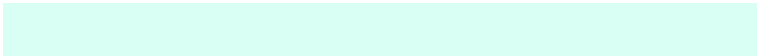
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5306, 0.2987, 0.3378



92.7814, 0.2956, 0.3400



53.3573, 0.2938, 0.3221



12.6713, 0.3020, 0.3356



28.5194, 0.2505, 0.4219



1.4838, 0.2449, 0.4015

Inverse Universe

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



47.4630, 0.3290, 0.3204



76.3296, 0.3333, 0.3183



49.3590, 0.3341, 0.3358



11.2646, 0.3247, 0.3225



8.2813, 0.5810, 0.2974



0.4404, 0.5239, 0.2660

Previews

White Background



This preview shows how the Yxy color 55.5283, 0.2987, 0.3378 looks on a white background.

Color Contrast Check

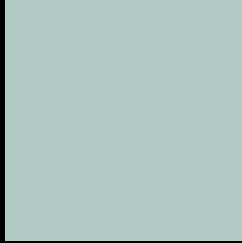
Large Text (above 18pt) WCAG AA × Fail

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 55.5283, 0.2987, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

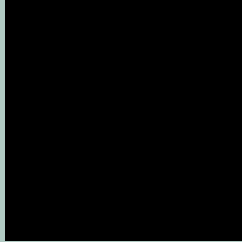
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

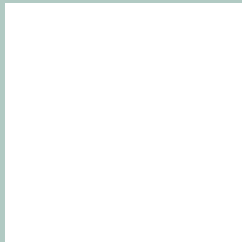
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5283, 0.2987, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 55.5283, 0.2987, 0.3378.



This preview shows how white text looks on a background with the Yxy color 55.5283, 0.2987, 0.3378.

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

55.5283, 0.2987, 0.3378

Protanopia

55.2093, 0.3205, 0.3339

Deuteranopia

55.1543, 0.3271, 0.3209



Tritanopia

55.4564, 0.2874, 0.3094

Trichromacy



Original Color

55.5283, 0.2987, 0.3378

Protanomaly

55.4004, 0.3124, 0.3364

Deuteranomaly

54.9866, 0.3168, 0.3266

Tritanomaly

55.4463, 0.2913, 0.3191

Monochromacy



Original Color

55.5283, 0.2987, 0.3378

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5189, 0.3078, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5283, 0.2987, 0.3378 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, 202, 195)` looks like.

```
.text, #text, p{  
    color:rgb(177, 202, 195)  
}
```

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, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 202, 195) }
```

Border

The CSS property to change the border of an element to Yxy 55.5283, 0.2987, 0.3378 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, 202, 195) }
```

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

```
.border{ border-color:rgb(177, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(177, 202,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5283, 0.2987, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 202, 195) }
```

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

```
.background{ background-color: rgb(177,  
202, 195) }
```

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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