

Converting Colors

$Y_{xy}(55.7764, 0.2937, 0.3321)$

Have a look what the booklet for
Yxy(55.7764, 0.2937, 0.3321)
contains.

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Color

Yxy(55.9960, 0.2939, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	AFCBC8
RGB	175, 203, 200
RGB Percent	69%, 80%, 78%
CMY	0.3136, 0.2039, 0.2157
CMYK	0.14, 0.00, 0.01, 0.20
HSL	174°, 21%, 74%
HSV	174°, 14%, 80%
XYZ	49.4657, 55.9960, 62.8461
YIQ	194.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

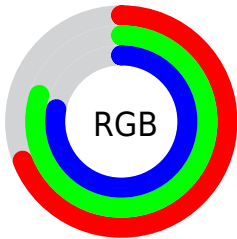
Format	Color
RYB	175, 190, 203
Decimal	11520968
CIELab	79.61, -9.93, -1.67
CIELCh	80, 10.074, 189.563
Yxy	55.9960, 0.2939, 0.3327
Android (android.graphics.Color)	4289711048 (0xFFAFCBC8)
YUV	194.2860, 2.8170, -16.9138
Hunter-Lab	74.8305, -12.9584, 2.5868

Details

The Yxy color **55.9960, 0.2939, 0.3327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5837, 0.3353, 0.3254**, and the grayscale version is **54.1212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **27.7078, 0.2889, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **53.7219, 0.2812, 0.3357**, and if you desaturate by 10%, it is **58.6293, 0.3074, 0.3300**.

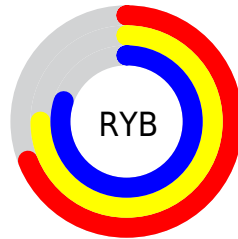
Distribution



Red (69%)

Green (80%)

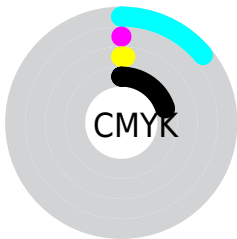
Blue (78%)



Red (69%)

Yellow (75%)

Blue (80%)

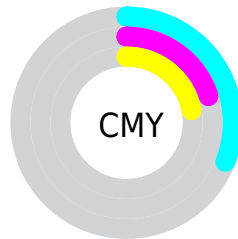


Cyan (14%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (31%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9960, 0.2939, 0.3327 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 55.9960, 0.2939, 0.3327 by changing the saturation by 10% instead.

 55.9960, 0.2939,
0.3327

 55.9960, 0.2939,
0.3327


409.6764, 0.3030,
0.3310

 40.1997, 0.2917,
0.3331


 98.9987, 0.2971,
0.3321

 27.6943, 0.2890,
0.3336


126.9740, 0.2984,
0.3319

 18.0953, 0.2854,
0.3343


159.7776, 0.2994,
0.3317

 11.0185, 0.2805,
0.3351

197.7941, 0.3003,
0.3315

 6.0793, 0.2736,
0.3363

241.4079, 0.3011,
0.3313

 2.8933, 0.2629,
0.3381

291.0032, 0.3018,

 1.0763, 0.2437,

0.3312

0.3411

346.9646, 0.3024,
0.3311

0.0000, 0.0000,
0.0000

55.9960, 0.2939,
0.3327

55.9960, 0.2939,
0.3327

53.7219, 0.2812,
0.3357

58.6293, 0.3074,
0.3300

51.7843, 0.2695,
0.3389

61.6296, 0.3215,
0.3275

50.1687, 0.2592,
0.3423

65.0131, 0.3358,
0.3253

48.8566, 0.2505,
0.3458

68.5588, 0.3492,
0.3233

47.8280, 0.2436,
0.3494

68.6669, 0.3476,
0.3211

■ 47.0601, 0.2386,
0.3531

■ 68.7766, 0.3459,
0.3188

■ 46.5268, 0.2356,
0.3568

■ 68.8877, 0.3442,
0.3166

■ 46.1964, 0.2343,
0.3605

■ 69.0003, 0.3426,
0.3144

■ 46.0577, 0.2341,
0.3628

■ 69.1144, 0.3409,
0.3123

Harmonies

Analogous

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



55.9960, 0.3050, 0.3440



55.9960, 0.2939, 0.3327



55.9960, 0.2879, 0.3206

Triad

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



55.9960, 0.2939, 0.3327



55.9960, 0.3067, 0.3081



55.9960, 0.3377, 0.3463

Complementary

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



55.9960, 0.2939, 0.3327



46.5837, 0.3353, 0.3254

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.



55.9960, 0.3383, 0.3365



55.9960, 0.2939, 0.3327



55.9960, 0.3202, 0.3147

Square

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



55.9960, 0.2939, 0.3327



55.9960, 0.2951, 0.3068



55.9960, 0.3318, 0.3250



55.9960, 0.3303, 0.3518

Rectangle

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



55.9960, 0.2939, 0.3327



55.9960, 0.2874, 0.3139



55.9960, 0.3318, 0.3250



55.9960, 0.3387, 0.3434

Sweetspot

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



55.9983, 0.2939, 0.3327



98.0464, 0.3071, 0.3300



55.3066, 0.3135, 0.3649



20.9098, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



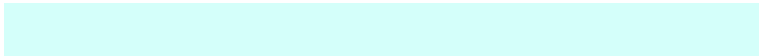
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9983, 0.2939, 0.3327



92.3898, 0.2894, 0.3337



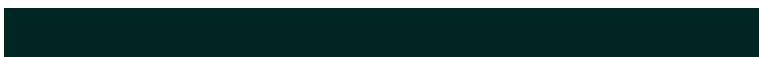
51.2503, 0.2915, 0.3153



12.7056, 0.2998, 0.3315



29.3200, 0.2340, 0.3622



1.5187, 0.2320, 0.3551

Inverse Universe

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



46.5837, 0.3353, 0.3254



73.1450, 0.3420, 0.3244



50.8057, 0.3360, 0.3423



11.2329, 0.3273, 0.3265



8.1228, 0.6262, 0.3223



0.4258, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 55.9960, 0.2939, 0.3327 looks on a white background.

Color Contrast Check

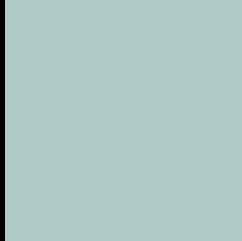
Large Text (above 18pt) WCAG AA × Fail

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 55.9960, 0.2939, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

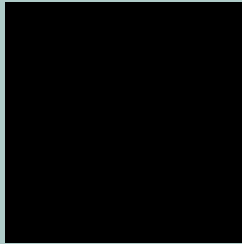
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

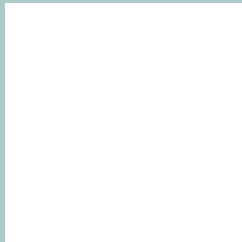
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9960, 0.2939, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 55.9960, 0.2939, 0.3327.

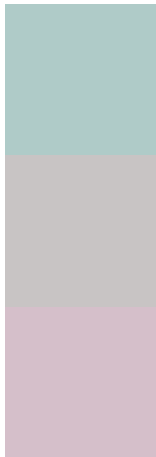


This preview shows how white text looks on a background with the Yxy color 55.9960, 0.2939, 0.3327.

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

55.9960, 0.2939, 0.3327

Protanopia

55.7447, 0.3159, 0.3290

Deuteranopia

55.6720, 0.3223, 0.3163



Tritanopia

55.7314, 0.2854, 0.3094

Trichromacy



Original Color

55.9960, 0.2939, 0.3327

Protanomaly

55.9544, 0.3079, 0.3314

Deuteranomaly

55.3894, 0.3115, 0.3218

Tritanomaly

55.7735, 0.2886, 0.3178

Monochromacy



Original Color

55.9960, 0.2939, 0.3327

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4828, 0.3056, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9960, 0.2939, 0.3327 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(175, 203, 200)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 200)  
}
```

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(175, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 200) }
```

Border

The CSS property to change the border of an element to Yxy 55.9960, 0.2939, 0.3327 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(175, 203, 200) }
```

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

```
.border{ border-color:rgb(175, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 203, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 203, 200); box-shadow:4px 4px 4px 4px rgb(175, 203, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9960, 0.2939, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 200) }
```

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

```
.background{ background-color: rgb(175,  
203, 200) }
```

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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