

Converting Colors

$Yxy(55.3865, 0.2951, 0.3399)$

Have a look what the booklet for
Yxy(55.3865, 0.2951, 0.3399)
contains.

| | |
|---|----|
| Yxy(55.3776, 0.2957, 0.3404) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(55.3776, 0.2957, 0.3404)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ACCBC2 |
| RGB | 172, 203, 194 |
| RGB Percent | 67%, 80%, 76% |
| CMY | 0.3255, 0.2039, 0.2392 |
| CMYK | 0.15, 0.00, 0.04, 0.20 |
| HSL | 163°, 23%, 74% |
| HSV | 163°, 15%, 80% |
| XYZ | 48.1056, 55.3776, 59.2007 |
| YIQ | 192.7050, -15.5870, -9.3710 |

Conversions

Conversions Part 2

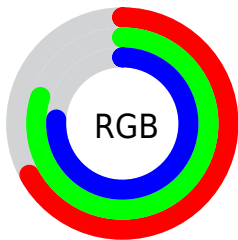
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 172, 190, 203 |
| Decimal | 11324354 |
| CIE Lab | 79.26, -12.13, 1.00 |
| CIE LCh | 79, 12.173, 175.282 |
| Yxy | 55.3776, 0.2957, 0.3404 |
| Android (android.graphics.Color) | 4289514434 (0xFFACCBC2) |
| YUV | 192.7050, 0.6384, -18.1583 |
| Hunter-Lab | 74.4161, -14.8385, 4.9240 |

Details

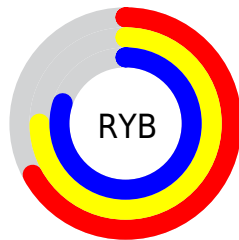
The Yxy color **55.3776, 0.2957, 0.3404** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5327, 0.3332, 0.3179**, and the grayscale version is **53.1496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9161, 0.2991, 0.3340**, and **27.3103, 0.2913, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **52.9967, 0.2853, 0.3488**, and if you desaturate by 10%, it is **58.1245, 0.3067, 0.3327**.

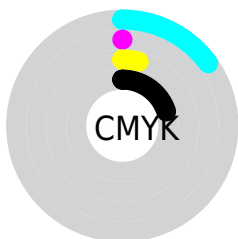
Distribution



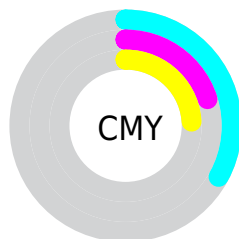
- Red (67%)
- Green (80%)
- Blue (76%)



- Red (67%)
- Yellow (75%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3776, 0.2957, 0.3404 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 55.3776, 0.2957, 0.3404 by changing the saturation by 10% instead.

■ 55.3776, 0.2957,
0.3404

■ 55.3776, 0.2957,
0.3404

407.3417, 0.3040,
0.3348

■ 39.7041, 0.2937,
0.3417

■ 98.0940, 0.2987,
0.3384

■ 27.3079, 0.2912,
0.3435

125.9057, 0.2998,
0.3377

■ 17.8046, 0.2879,
0.3457

158.5322, 0.3007,
0.3370

■ 10.8098, 0.2834,
0.3488

196.3580, 0.3016,
0.3365

■ 5.9391, 0.2769,
0.3532

239.7675, 0.3023,
0.3360

■ 2.8081, 0.2667,
0.3602

289.1450, 0.3029,

■ 1.0324, 0.2458,

0.3356

0.3742

344.8749, 0.3035,
0.3352

0.0000, 0.0000,
0.0000

55.3776, 0.2957,
0.3404

55.3776, 0.2957,
0.3404

52.9967, 0.2853,
0.3488

58.1245, 0.3067,
0.3327

50.9588, 0.2757,
0.3580

61.2454, 0.3181,
0.3258

49.2490, 0.2673,
0.3677

64.7567, 0.3296,
0.3197

47.8486, 0.2603,
0.3780

68.6718, 0.3410,
0.3142

46.7370, 0.2551,
0.3888

69.3263, 0.3380,
0.3084

■ 45.8909, 0.2519,
0.3997

■ 69.6501, 0.3336,
0.3026

■ 45.2834, 0.2506,
0.4107

■ 69.9850, 0.3292,
0.2968

■ 44.8816, 0.2512,
0.4216

■ 70.3312, 0.3249,
0.2912

■ 44.7337, 0.2519,
0.4267

■ 70.6888, 0.3207,
0.2856

Harmonies

Analogous

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



55.3776, 0.3109, 0.3522



55.3776, 0.2957, 0.3404



55.3776, 0.2852, 0.3256

Triad

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



55.3776, 0.2957, 0.3404



55.3776, 0.2982, 0.3021



55.3776, 0.3445, 0.3447

Complementary

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



55.3776, 0.2957, 0.3404



45.5327, 0.3332, 0.3179

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.



55.3776, 0.3410, 0.3314



55.3776, 0.2957, 0.3404



55.3776, 0.3139, 0.3073

Square

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



55.3776, 0.2957, 0.3404



55.3776, 0.2866, 0.3038



55.3776, 0.3297, 0.3179



55.3776, 0.3392, 0.3543

Rectangle

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



55.3776, 0.2957, 0.3404



55.3776, 0.2821, 0.3162



55.3776, 0.3297, 0.3179



55.3776, 0.3443, 0.3405

Sweetspot

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



55.3799, 0.2957, 0.3404



97.4258, 0.3070, 0.3326



55.5523, 0.3180, 0.3686



20.7785, 0.3062, 0.3331



0.0000, 0.0000, 0.0000



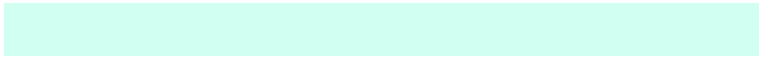
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3799, 0.2957, 0.3404



91.4824, 0.2925, 0.3428



52.9242, 0.2894, 0.3211



12.6695, 0.3021, 0.3358



28.4827, 0.2515, 0.4252



1.4822, 0.2456, 0.4040

Inverse Universe

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



45.5327, 0.3332, 0.3179



72.2056, 0.3379, 0.3156



47.5922, 0.3399, 0.3368



11.2663, 0.3245, 0.3223



8.2938, 0.5778, 0.2957



0.4412, 0.5209, 0.2643

Previews

White Background



This preview shows how the Yxy color 55.3776, 0.2957, 0.3404 looks on a white background.

Color Contrast Check

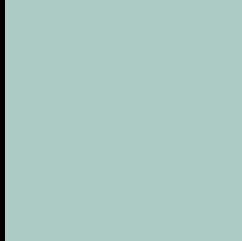
Large Text (above 18pt) WCAG AA × Fail

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 55.3776, 0.2957, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

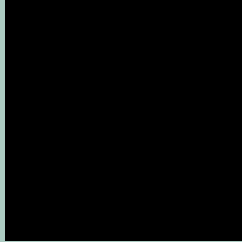
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

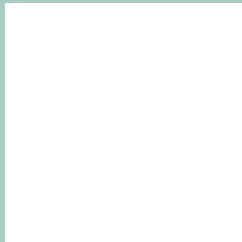
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3776, 0.2957, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 55.3776, 0.2957, 0.3404.



This preview shows how white text looks on a background with the Yxy color 55.3776, 0.2957, 0.3404.

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

55.3776, 0.2957, 0.3404

Protanopia

55.1654, 0.3213, 0.3351

Deuteranopia

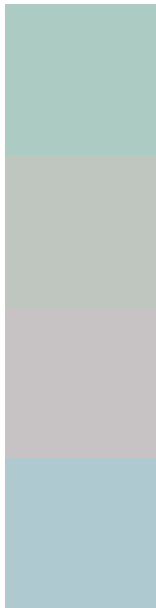
55.1543, 0.3271, 0.3209



Tritanopia

55.4965, 0.2840, 0.3093

Trichromacy



Original Color

55.3776, 0.2957, 0.3404

Protanomaly

55.0969, 0.3115, 0.3377

Deuteranomaly

55.1578, 0.3152, 0.3278

Tritanomaly

55.4413, 0.2885, 0.3202

Monochromacy



Original Color

55.3776, 0.2957, 0.3404

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0970, 0.3062, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3776, 0.2957, 0.3404 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(172, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 194)  
}
```

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(172, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.3776, 0.2957, 0.3404 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(172, 203, 194) }
```

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

```
.border{ border-color:rgb(172, 203, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3776, 0.2957, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 203, 194) }
```

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

```
.background{ background-color: rgb(172,  
203, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor