

Converting Colors

$Y_{xy}(55.5269, 0.2967, 0.3425)$

Have a look what the booklet for
Yxy(55.5269, 0.2967, 0.3425)
contains.

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Color

Yxy(55.3328, 0.2964, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	ACCBC1
RGB	172, 203, 193
RGB Percent	67%, 80%, 76%
CMY	0.3254, 0.2039, 0.2431
CMYK	0.15, 0.00, 0.05, 0.20
HSL	161°, 23%, 74%
HSV	161°, 15%, 80%
XYZ	47.9972, 55.3328, 58.6039
YIQ	192.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

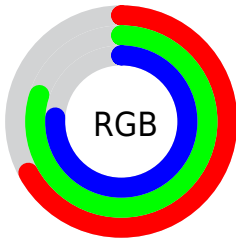
Format	Color
R _{YB}	172, 190, 203
Decimal	11324353
CIE Lab	79.23, -12.32, 1.51
CIE LCh	79, 12.413, 173.025
Yxy	55.3328, 0.2964, 0.3417
Android (android.graphics.Color)	4289514433 (0xFFACCBC1)
YUV	192.5910, 0.2016, -18.0583
Hunter-Lab	74.3860, -14.9993, 5.3595

Details

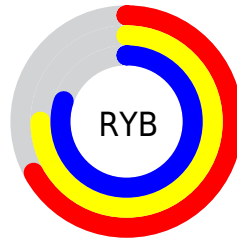
The Yxy color **55.3328, 0.2964, 0.3417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5853, 0.3322, 0.3167**, and the grayscale version is **53.0841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8535, 0.2997, 0.3350**, and **27.3103, 0.2913, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **52.9248, 0.2863, 0.3511**, and if you desaturate by 10%, it is **58.1093, 0.3070, 0.3332**.

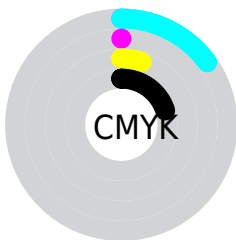
Distribution



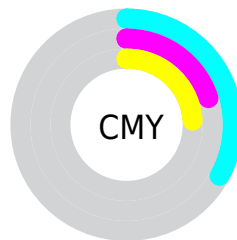
- Red (67%)
- Green (80%)
- Blue (76%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3328, 0.2964, 0.3417 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 55.3328, 0.2964, 0.3417 by changing the saturation by 10% instead.

 55.3328, 0.2964,
0.3417

 55.3328, 0.2964,
0.3417

407.1722, 0.3043,
0.3355

 39.6682, 0.2945,
0.3432

 98.0284, 0.2992,
0.3395

 27.2800, 0.2920,
0.3451


125.8282, 0.3003,
0.3386

 17.7836, 0.2889,
0.3476


158.4419, 0.3012,
0.3379

 10.7947, 0.2845,
0.3511

196.2538, 0.3020,
0.3373

 5.9290, 0.2783,
0.3561

239.6485, 0.3027,
0.3368

 2.8019, 0.2684,
0.3640

289.0101, 0.3033,

 1.0292, 0.2477,

0.3363

0.3801

344.7233, 0.3039,
0.3359

0.0000, 0.0000,
0.0000

55.3328, 0.2964,
0.3417

55.3328, 0.2964,
0.3417

52.9248, 0.2863,
0.3511

58.1093, 0.3070,
0.3332

50.8622, 0.2771,
0.3613

61.2622, 0.3179,
0.3255

49.1302, 0.2690,
0.3723


64.8082, 0.3289,
0.3186


47.7099, 0.2624,
0.3839

68.7606, 0.3398,
0.3125


46.5807, 0.2575,
0.3960


69.4497, 0.3362,
0.3061

 45.7192, 0.2544,
0.4083


 69.8157, 0.3314,
0.2996

 45.0986, 0.2534,
0.4207

 70.1956, 0.3266,
0.2933

 44.6858, 0.2543,
0.4329

 70.5895, 0.3218,
0.2871

 44.5330, 0.2552,
0.4386

 70.9975, 0.3172,
0.2810

Harmonies

Analogous

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



55.3328, 0.3121, 0.3533



55.3328, 0.2964, 0.3417



55.3328, 0.2852, 0.3266

Triad

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



55.3328, 0.2964, 0.3417



55.3328, 0.2968, 0.3015



55.3328, 0.3452, 0.3441

Complementary

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



55.3328, 0.2964, 0.3417



45.5853, 0.3322, 0.3167

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.



55.3328, 0.3409, 0.3303



55.3328, 0.2964, 0.3417



55.3328, 0.3127, 0.3063

Square

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



55.3328, 0.2964, 0.3417



55.3328, 0.2855, 0.3037



55.3328, 0.3289, 0.3167



55.3328, 0.3405, 0.3543

Rectangle

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



55.3328, 0.2964, 0.3417



55.3328, 0.2817, 0.3170



55.3328, 0.3289, 0.3167



55.3328, 0.3448, 0.3397

Sweetspot

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



55.3351, 0.2964, 0.3417



97.3994, 0.3072, 0.3330



55.6785, 0.3188, 0.3685



20.7721, 0.3064, 0.3336



0.0000, 0.0000, 0.0000



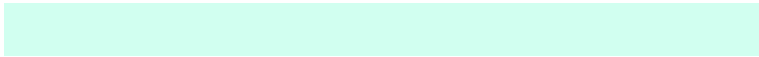
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3351, 0.2964, 0.3417



91.3925, 0.2933, 0.3444



53.3977, 0.2895, 0.3224



12.6631, 0.3026, 0.3366



28.3575, 0.2547, 0.4369



1.4764, 0.2481, 0.4132

Inverse Universe

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



45.5853, 0.3322, 0.3167



72.2869, 0.3368, 0.3141



47.1910, 0.3401, 0.3355



11.2723, 0.3240, 0.3215



8.3415, 0.5660, 0.2892



0.4442, 0.5100, 0.2583

Previews

White Background



This preview shows how the Yxy color 55.3328, 0.2964, 0.3417 looks on a white background.

Color Contrast Check

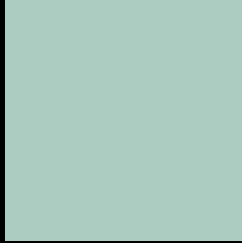
Large Text (above 18pt) WCAG AA × Fail

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 55.3328, 0.2964, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

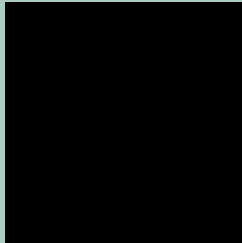
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

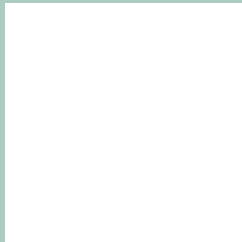
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3328, 0.2964, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 55.3328, 0.2964, 0.3417.

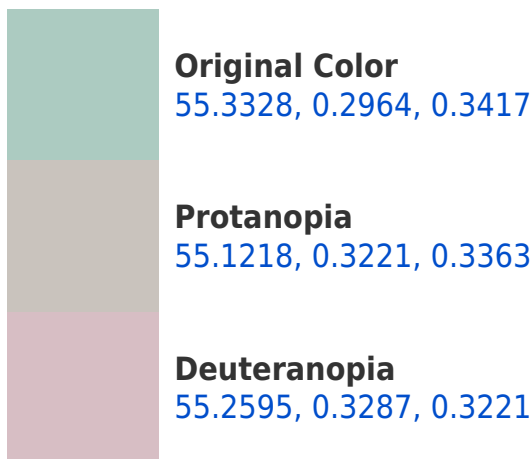


This preview shows how white text looks on a background with the Yxy color 55.3328, 0.2964, 0.3417.

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

55.4965, 0.2840, 0.3093

Trichromacy



Original Color

55.3328, 0.2964, 0.3417

Protanomaly

55.0530, 0.3123, 0.3389

Deuteranomaly

55.1125, 0.3159, 0.3290

Tritanomaly

55.4413, 0.2885, 0.3202

Monochromacy



Original Color

55.3328, 0.2964, 0.3417

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 55.3328, 0.2964, 0.3417 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(172, 203, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 203, 193) }
```

Border

The CSS property to change the border of an element to Yxy 55.3328, 0.2964, 0.3417 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, 193) }
```

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

```
.border{ border-color:rgb(172, 203, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 203, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 203, 193);  
box-shadow:4px 4px 4px 4px rgb(172, 203,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3328, 0.2964, 0.3417 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, 193) }
```

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

```
.background{ background-color: rgb(172,  
203, 193) }
```

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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