

Converting Colors

$Yxy(55.8150, 0.2954, 0.3416)$

Have a look what the booklet for
Yxy(55.8150, 0.2954, 0.3416)
contains.

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Color

Yxy(55.8514, 0.2957, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	ACCCC2
RGB	172, 204, 194
RGB Percent	67%, 80%, 76%
CMY	0.3257, 0.1999, 0.2392
CMYK	0.16, 0.00, 0.05, 0.20
HSL	161°, 24%, 74%
HSV	161°, 16%, 80%
XYZ	48.3326, 55.8514, 59.2675
YIQ	193.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

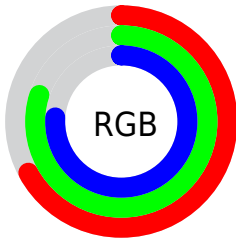
Format	Color
R _{YB}	172, 191, 204
Decimal	11324610
CIE Lab	79.53, -12.67, 1.41
CIE LCh	80, 12.752, 173.665
Yxy	55.8514, 0.2957, 0.3417
Android (android.graphics.Color)	4289514690 (0xFFACCCC2)
YUV	193.2920, 0.3490, -18.6731
Hunter-Lab	74.7338, -15.3427, 5.2938

Details

The Yxy color **55.8514, 0.2957, 0.3417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6975, 0.3332, 0.3167**, and the grayscale version is **53.5087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9161, 0.2991, 0.3340**, and **27.6281, 0.2913, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **53.4404, 0.2856, 0.3508**, and if you desaturate by 10%, it is **58.6337, 0.3064, 0.3334**.

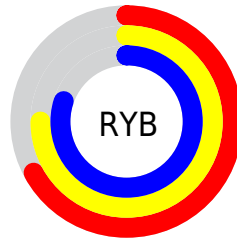
Distribution



Red (67%)

Green (80%)

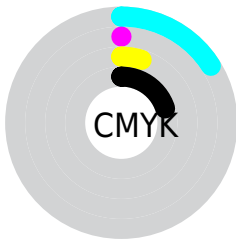
Blue (76%)



Red (67%)

Yellow (75%)

Blue (80%)

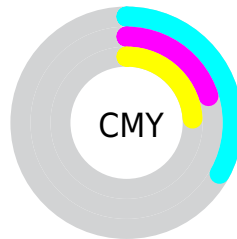


Cyan (16%)

Magenta (0%)

Yellow (5%)

Black (20%)



Cyan (33%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8514, 0.2957, 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 55.8514, 0.2957, 0.3417 by changing the saturation by 10% instead.

■ 55.8514, 0.2957,
0.3417

■ 55.8514, 0.2957,
0.3417

409.1312, 0.3040,
0.3355

■ 40.0838, 0.2937,
0.3432

■ 98.7873, 0.2987,
0.3395

■ 27.6039, 0.2912,
0.3451

126.7243, 0.2998,
0.3386

■ 18.0273, 0.2879,
0.3476

159.4867, 0.3007,
0.3379

■ 10.9696, 0.2834,
0.3510

197.4587, 0.3016,
0.3373

■ 6.0464, 0.2769,
0.3560

241.0247, 0.3023,
0.3368

■ 2.8733, 0.2668,
0.3638

290.5693, 0.3029,

■ 1.0659, 0.2465,

0.3363

0.3791

346.4766, 0.3035,
0.3359

0.0000, 0.0000,
0.0000

55.8514, 0.2957,
0.3417

55.8514, 0.2957,
0.3417

53.4404, 0.2856,
0.3508

58.6337, 0.3064,
0.3334

51.3775, 0.2763,
0.3608

61.7955, 0.3175,
0.3259

49.6474, 0.2681,
0.3714

65.3535, 0.3286,
0.3192

48.2310, 0.2615,
0.3826

69.3213, 0.3397,
0.3133

47.1075, 0.2565,
0.3943

69.9394, 0.3360,
0.3070

■ 46.2529, 0.2535,
0.4062

■ 70.2957, 0.3313,
0.3007

■ 45.6399, 0.2525,
0.4182

■ 70.6652, 0.3266,
0.2946

■ 45.2344, 0.2534,
0.4300

■ 71.0480, 0.3221,
0.2885

■ 45.0965, 0.2542,
0.4350

■ 71.4442, 0.3176,
0.2825

Harmonies

Analogous

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



55.8514, 0.3117, 0.3538



55.8514, 0.2957, 0.3417



55.8514, 0.2844, 0.3262

Triad

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



55.8514, 0.2957, 0.3417



55.8514, 0.2968, 0.3009



55.8514, 0.3460, 0.3447

Complementary

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



55.8514, 0.2957, 0.3417



45.6975, 0.3332, 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.



55.8514, 0.3418, 0.3307



55.8514, 0.2957, 0.3417



55.8514, 0.3131, 0.3059

Square

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



55.8514, 0.2957, 0.3417



55.8514, 0.2850, 0.3030



55.8514, 0.3296, 0.3167



55.8514, 0.3409, 0.3550

Rectangle

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



55.8514, 0.2957, 0.3417



55.8514, 0.2809, 0.3164



55.8514, 0.3296, 0.3167



55.8514, 0.3456, 0.3402

Sweetspot

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



55.8537, 0.2957, 0.3417



97.4075, 0.3071, 0.3329



56.1284, 0.3186, 0.3698



20.7740, 0.3064, 0.3334



0.0000, 0.0000, 0.0000



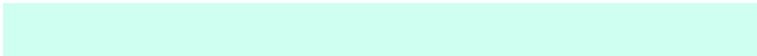
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8537, 0.2957, 0.3417



91.0035, 0.2920, 0.3448



53.5757, 0.2888, 0.3215



12.6650, 0.3024, 0.3363



28.3954, 0.2537, 0.4333



1.4782, 0.2473, 0.4104

Inverse Universe

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



45.6975, 0.3332, 0.3167



70.9253, 0.3388, 0.3138



47.5854, 0.3410, 0.3364



11.2705, 0.3242, 0.3218



8.3261, 0.5698, 0.2912



0.4433, 0.5134, 0.2602

Previews

White Background



This preview shows how the Yxy color 55.8514, 0.2957, 0.3417 looks on a white background.

Color Contrast Check

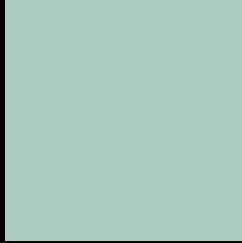
Large Text (above 18pt) WCAG AA × Fail

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 55.8514, 0.2957, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

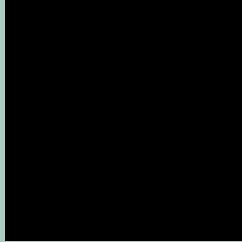
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

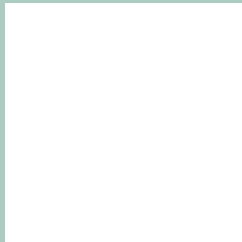
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8514, 0.2957, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 55.8514, 0.2957, 0.3417.



This preview shows how white text looks on a background with the Yxy color 55.8514, 0.2957, 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



Original Color

55.8514, 0.2957, 0.3417

Protanopia

55.7105, 0.3228, 0.3375

Deuteranopia

55.3052, 0.3279, 0.3209



Tritanopia

56.0131, 0.2834, 0.3093

Trichromacy



Original Color

55.8514, 0.2957, 0.3417

Protanomaly

55.6848, 0.3123, 0.3389

Deuteranomaly

55.1578, 0.3152, 0.3278

Tritanomaly

55.9585, 0.2879, 0.3202

Monochromacy



Original Color

55.8514, 0.2957, 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 55.8514, 0.2957, 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, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 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, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 194) }
```

Border

The CSS property to change the border of an element to Yxy 55.8514, 0.2957, 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, 204, 194) }
```

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

```
.border{ border-color:rgb(172, 204, 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, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8514, 0.2957, 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, 204, 194) }
```

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

```
.background{ background-color: rgb(172,  
204, 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](#).

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