

Converting Colors

$Y_{xy}(56.0250, 0.3249, 0.3530)$

Have a look what the booklet for
Yxy(56.0250, 0.3249, 0.3530)
contains.

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Color

Yxy(55.8779, 0.3243, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7B4
RGB	196, 199, 180
RGB Percent	77%, 78%, 71%
CMY	0.2315, 0.2196, 0.2940
CMYK	0.02, 0.00, 0.10, 0.22
HSL	70°, 15%, 74%
HSV	70°, 10%, 78%
XYZ	51.4223, 55.8779, 51.2637
YIQ	195.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

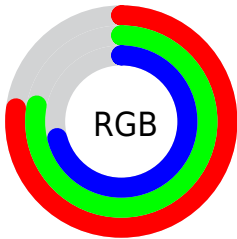
Format	Color
RYB	180, 199, 183
Decimal	12896180
CIELab	79.54, -4.41, 9.14
CIELCh	80, 10.150, 115.752
Yxy	55.8779, 0.3243, 0.3524
Android (android.graphics.Color)	4291086260 (0xFFC4C7B4)
YUV	195.9370, -7.8569, 0.0553
Hunter-Lab	74.7515, -8.0234, 11.6657

Details

The Yxy color $55.8779, 0.3243, 0.3524$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.8479, 0.3005, 0.3049$, and the grayscale version is $55.2078, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4588, 0.3225, 0.3474$, and $27.5339, 0.3273, 0.3589$ is the 20% darker color. If you saturate the color by 10%, you get $54.7039, 0.3366, 0.3780$, and if you desaturate by 10%, it is $57.1823, 0.3122, 0.3279$.

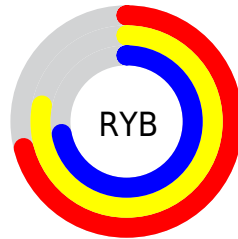
Distribution



Red (77%)

Green (78%)

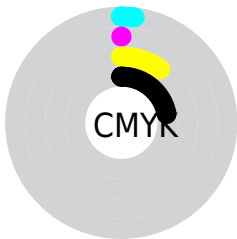
Blue (71%)



Red (71%)

Yellow (78%)

Blue (72%)

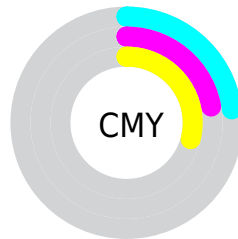


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8779, 0.3243, 0.3524 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 55.8779, 0.3243, 0.3524 by changing the saturation by 10% instead.

■ 55.8779, 0.3243,
0.3524

■ 55.8779, 0.3243,
0.3524

409.2312, 0.3187,
0.3410

■ 40.1050, 0.3256,
0.3552

■ 98.8260, 0.3223,
0.3483

■ 27.6205, 0.3273,
0.3587

126.7701, 0.3216,
0.3467

■ 18.0397, 0.3294,
0.3634

159.5400, 0.3209,
0.3454

■ 10.9785, 0.3323,
0.3697

197.5202, 0.3204,
0.3443

■ 6.0524, 0.3364,
0.3789

241.0950, 0.3199,
0.3433

■ 2.8770, 0.3426,
0.3935

290.6488, 0.3195,

■ 1.0678, 0.3625,

0.3424

0.4311

346.5661, 0.3191,
0.3416

0.0000, 0.0000,
0.0000

55.8779, 0.3243,
0.3524

55.8779, 0.3243,
0.3524

54.7039, 0.3366,
0.3780

57.1823, 0.3122,
0.3279

53.6480, 0.3488,
0.4041

58.6145, 0.3005,
0.3049

52.7074, 0.3604,
0.4299


60.1813, 0.2895,
0.2836


51.8761, 0.3708,
0.4545

61.5858, 0.2820,
0.2685

51.1479, 0.3796,
0.4767

62.0542, 0.2842,
0.2689


 50.5158, 0.3862,
0.4957


 62.5320, 0.2865,
0.2693


 49.9718, 0.3903,
0.5105

 63.0192, 0.2887,
0.2697

 49.5066, 0.3919,
0.5209

 63.5158, 0.2909,
0.2700

 49.1031, 0.3912,
0.5273

 64.0219, 0.2932,
0.2704

Harmonies

Analogous

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



55.8779, 0.3346, 0.3502



55.8779, 0.3243, 0.3524



55.8779, 0.3110, 0.3481

Triad

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



55.8779, 0.3243, 0.3524



55.8779, 0.2870, 0.3149



55.8779, 0.3270, 0.3199

Complementary

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



55.8779, 0.3243, 0.3524



46.8479, 0.3005, 0.3049

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.



55.8779, 0.3140, 0.3110



55.8779, 0.3243, 0.3524



55.8779, 0.2911, 0.3079

Square

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



55.8779, 0.3243, 0.3524



55.8779, 0.2897, 0.3260



55.8779, 0.3009, 0.3066



55.8779, 0.3363, 0.3312

Rectangle

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



55.8779, 0.3243, 0.3524



55.8779, 0.3023, 0.3420



55.8779, 0.3009, 0.3066



55.8779, 0.3229, 0.3165

Sweetspot

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



55.8803, 0.3243, 0.3524



99.2855, 0.3164, 0.3363



49.2517, 0.3289, 0.3326



21.2111, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



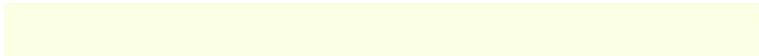
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8803, 0.3243, 0.3524



97.4817, 0.3263, 0.3565



54.6710, 0.3168, 0.3529



12.3278, 0.3241, 0.3520



31.5906, 0.3916, 0.5273



1.5195, 0.3977, 0.5224

Inverse Universe

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



46.8479, 0.3005, 0.3049



79.1930, 0.2982, 0.3005



48.0276, 0.3082, 0.3054



10.3676, 0.3007, 0.3053



2.8727, 0.1573, 0.0640



0.1624, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 55.8779, 0.3243, 0.3524 looks on a white background.

Color Contrast Check

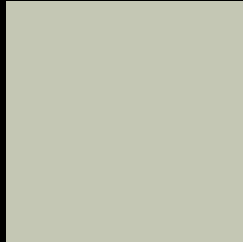
Large Text (above 18pt) WCAG AA × Fail

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 55.8779, 0.3243, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

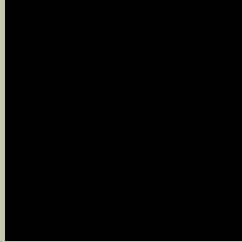
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

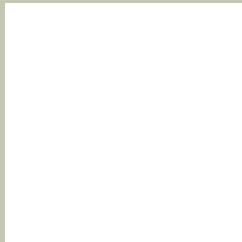
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8779, 0.3243, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 55.8779, 0.3243, 0.3524.



This preview shows how white text looks on a background with the Yxy color 55.8779, 0.3243, 0.3524.

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

55.8779, 0.3243, 0.3524

Protanopia

55.7137, 0.3329, 0.3496

Deuteranopia

55.7339, 0.3459, 0.3383



Tritanopia

55.9627, 0.3057, 0.3112

Trichromacy



Original Color

55.8779, 0.3243, 0.3524

Protanomaly

55.7437, 0.3303, 0.3509

Deuteranomaly

55.6223, 0.3385, 0.3433

Tritanomaly

55.7455, 0.3129, 0.3254

Monochromacy



Original Color

55.8779, 0.3243, 0.3524

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3860, 0.3171, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8779, 0.3243, 0.3524 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(196, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 180)  
}
```

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(196, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 180) }
```

Border

The CSS property to change the border of an element to Yxy 55.8779, 0.3243, 0.3524 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(196, 199, 180) }
```

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

```
.border{ border-color:rgb(196, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8779, 0.3243, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 180) }
```

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

```
.background{ background-color: rgb(196,  
199, 180) }
```

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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