

Converting Colors

$Y_{xy}(55.8282, 0.3637, 0.4250)$

Have a look what the booklet for
Yxy(55.8282, 0.3637, 0.4250)
contains.

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Color

Yxy(55.9283, 0.3639, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	C4CB7D
RGB	196, 203, 125
RGB Percent	77%, 80%, 49%
CMY	0.2312, 0.2040, 0.5097
CMYK	0.03, 0.00, 0.38, 0.20
HSL	65°, 43%, 64%
HSV	65°, 38%, 80%
XYZ	47.8315, 55.9283, 27.6816
YIQ	192.0150, 20.8660, -25.7420

Conversions

Conversions Part 2

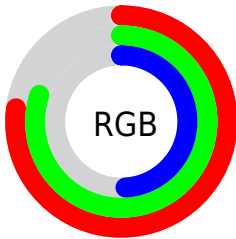
Format	Color
RYB	125, 203, 132
Decimal	12897149
CIELab	79.57, -14.25, 38.08
CIELCh	80, 40.660, 110.511
Yxy	55.9283, 0.3639, 0.4255
Android (android.graphics.Color)	4291087229 (0xFFC4CB7D)
YUV	192.0150, -33.0384, 3.4948
Hunter-Lab	74.7852, -16.7082, 30.4036

Details

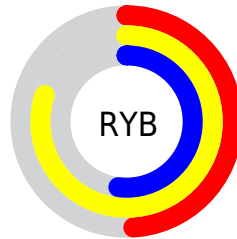
The Yxy color **55.9283, 0.3639, 0.4255** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.8862, 0.2485, 0.2149**, and the grayscale version is **52.9145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8455, 0.3572, 0.4039**, and **27.6520, 0.3751, 0.4516** is the 20% darker color. If you saturate the color by 10%, you get **55.2226, 0.3758, 0.4492**, and if you desaturate by 10%, it is **56.7480, 0.3509, 0.4004**.

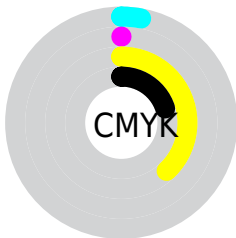
Distribution



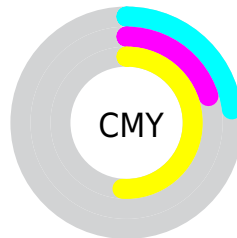
- Red (77%)
- Green (80%)
- Blue (49%)



- Red (49%)
- Yellow (80%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9283, 0.3639, 0.4255 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 55.9283, 0.3639, 0.4255 by changing the saturation by 10% instead.


 55.9283, 0.3639,
0.4255

 55.9283, 0.3639,
0.4255


409.4212, 0.3405,
0.3781


 40.1454, 0.3689,
0.4368


 98.8997, 0.3560,
0.4086

 27.6520, 0.3749,
0.4510


 126.8571, 0.3528,
0.4021

 18.0635, 0.3818,
0.4692


 159.6414, 0.3501,
0.3966

 10.9956, 0.3897,
0.4929


197.6371, 0.3477,
0.3919

 6.0639, 0.3976,
0.5244

241.2285, 0.3456,
0.3878

 2.8839, 0.4150,
0.5850

290.8001, 0.3437,

 1.0714, 0.3810,

0.3841

0.6190

346.7362, 0.3420,
0.3809

0.0000, 0.0000,
0.0000

55.9283, 0.3639,
0.4255

55.9283, 0.3639,
0.4255

55.2226, 0.3758,
0.4492

56.7480, 0.3509,
0.4004

54.6168, 0.3861,
0.4705

57.6801, 0.3374,
0.3748

54.1062, 0.3942,
0.4884


58.7326, 0.3239,
0.3495


53.6827, 0.3998,
0.5022


59.9108, 0.3106,
0.3252

53.3365, 0.4029,
0.5116


61.2193, 0.2980,
0.3023

 53.0528, 0.4036,
0.5169

 62.6629, 0.2861,
0.2809

 53.0100, 0.4037,
0.5177

 63.4410, 0.2823,
0.2729

 63.7059, 0.2835,
0.2731

 63.9739, 0.2847,
0.2733

Harmonies

Analogous

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



55.9283, 0.4040, 0.4050



55.9283, 0.3639, 0.4255



55.9283, 0.3120, 0.4163

Triad

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



55.9283, 0.3639, 0.4255



55.9283, 0.2162, 0.2763



55.9283, 0.3606, 0.2871

Complementary

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



55.9283, 0.3639, 0.4255



23.8862, 0.2485, 0.2149

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.



55.9283, 0.3061, 0.2584



55.9283, 0.3639, 0.4255



55.9283, 0.2263, 0.2501

Square

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



55.9283, 0.3639, 0.4255



55.9283, 0.2287, 0.3219



55.9283, 0.2577, 0.2448



55.9283, 0.4037, 0.3258

Rectangle

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



55.9283, 0.3639, 0.4255



55.9283, 0.2780, 0.3921



55.9283, 0.2577, 0.2448



55.9283, 0.3427, 0.2761

Sweetspot

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



55.9308, 0.3639, 0.4255



97.6699, 0.3289, 0.3589



30.5481, 0.4037, 0.3378



20.8551, 0.3307, 0.3623



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.



55.9308, 0.3639, 0.4255



92.6770, 0.3738, 0.4451



51.4086, 0.3317, 0.4366



13.0439, 0.3252, 0.3520



33.7587, 0.4039, 0.5175



1.7568, 0.4071, 0.5150

Inverse Universe

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



23.8862, 0.2485, 0.2149



31.6214, 0.2319, 0.1865



27.5854, 0.2844, 0.2254



10.8910, 0.2996, 0.3051



2.8437, 0.1532, 0.0618



0.1636, 0.1635, 0.0674

Previews

White Background



This preview shows how the Yxy color 55.9283, 0.3639, 0.4255 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 55.9283, 0.3639, 0.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

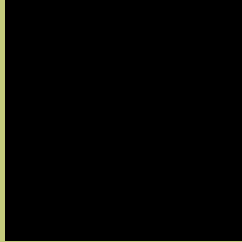
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9283, 0.3639, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 55.9283, 0.3639, 0.4255.



This preview shows how white text looks on a background with the Yxy color 55.9283, 0.3639, 0.4255.

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

55.9283, 0.3639, 0.4255

Protanopia

55.8096, 0.3843, 0.4160

Deuteranopia

55.5295, 0.4044, 0.3953



Tritanopia

55.8158, 0.3119, 0.3114

Trichromacy



Original Color

55.9283, 0.3639, 0.4255

Protanomaly

55.7120, 0.3766, 0.4190

Deuteranomaly

55.2018, 0.3894, 0.4054

Tritanomaly

55.7034, 0.3310, 0.3522

Monochromacy



Original Color

55.9283, 0.3639, 0.4255

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6445, 0.3314, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9283, 0.3639, 0.4255 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, 203, 125)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 125)  
}
```

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, 203, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 125) }
```

Border

The CSS property to change the border of an element to Yxy 55.9283, 0.3639, 0.4255 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, 203, 125) }
```

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

```
.border{ border-color:rgb(196, 203, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 125);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9283, 0.3639, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 125) }
```

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

```
.background{ background-color: rgb(196,  
203, 125) }
```

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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