

Converting Colors

$Yxy(55.5826, 0.3444, 0.3662)$

Have a look what the booklet for
Yxy(55.5826, 0.3444, 0.3662)
contains.

Yxy(55.3548, 0.3439, 0.3655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.3548, 0.3439, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	CEC4A6
RGB	206, 196, 166
RGB Percent	81%, 77%, 65%
CMY	0.1920, 0.2314, 0.3491
CMYK	0.00, 0.05, 0.19, 0.19
HSL	45°, 29%, 73%
HSV	45°, 19%, 81%
XYZ	52.0835, 55.3548, 44.0112
YIQ	195.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

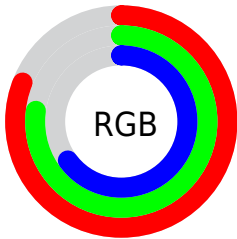
Format	Color
RYB	179, 206, 166
Decimal	13550758
CIELab	79.25, -1.38, 16.34
CIELCh	79, 16.398, 94.835
Yxy	55.3548, 0.3439, 0.3655
Android (android.graphics.Color)	4291740838 (0xFFCEC4A6)
YUV	195.5700, -14.5780, 9.1471
Hunter-Lab	74.4008, -5.2444, 17.0080

Details

The Yxy color **55.3548, 0.3439, 0.3655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.6291, 0.2815, 0.2896**, and the grayscale version is **55.0165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7310, 0.3330, 0.3602**, and **27.1402, 0.3517, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **52.3694, 0.3617, 0.3850**, and if you desaturate by 10%, it is **58.5466, 0.3272, 0.3464**.

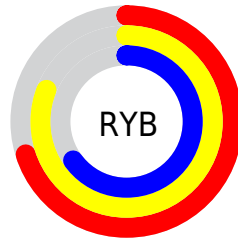
Distribution



Red (81%)

Green (77%)

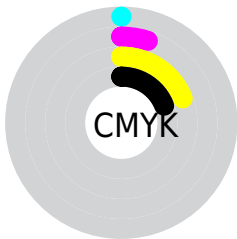
Blue (65%)



Red (70%)

Yellow (81%)

Blue (65%)

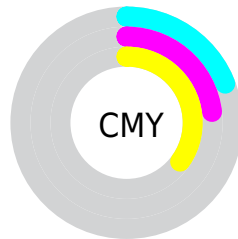


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (23%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3548, 0.3439, 0.3655 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 55.3548, 0.3439, 0.3655 by changing the saturation by 10% instead.

 55.3548, 0.3439,
0.3655

 55.3548, 0.3439,
0.3655


407.2554, 0.3288,
0.3477

 39.6859, 0.3475,
0.3698


 98.0606, 0.3385,
0.3592

 27.2937, 0.3521,
0.3752


 125.8662, 0.3365,
0.3568

 17.7939, 0.3579,
0.3822


158.4862, 0.3347,
0.3547

 10.8021, 0.3658,
0.3917

196.3050, 0.3332,
0.3529

 5.9339, 0.3769,
0.4051

239.7069, 0.3319,
0.3514

 2.8050, 0.3935,
0.4255

289.0764, 0.3308,

 1.0308, 0.4777,

0.3500

0.5223

344.7977, 0.3297,
0.3488

0.0000, 0.0000,
0.0000

55.3548, 0.3439,
0.3655

55.3548, 0.3439,
0.3655

52.3694, 0.3617,
0.3850

58.5466, 0.3272,
0.3464

49.5765, 0.3802,
0.4042

61.9435, 0.3119,
0.3280

46.9714, 0.3991,
0.4223

65.5538, 0.2979,
0.3107

44.5465, 0.4175,
0.4382

69.3831, 0.2853,
0.2945

42.2935, 0.4347,
0.4510

72.5011, 0.2817,
0.2935

■ 40.2028, 0.4498,
0.4597

■ 75.2858, 0.2821,
0.2991

■ 38.2633, 0.4622,
0.4636

■ 78.1554, 0.2824,
0.3048

■ 36.4567, 0.4718,
0.4632

■ 81.1105, 0.2827,
0.3103

■ 36.3576, 0.4723,
0.4632

■ 84.1520, 0.2830,
0.3158

Harmonies

Analogous

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



55.3548, 0.3546, 0.3547



55.3548, 0.3439, 0.3655



55.3548, 0.3249, 0.3664

Triad

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



55.3548, 0.3439, 0.3655



55.3548, 0.2734, 0.3179



55.3548, 0.3213, 0.3039

Complementary

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



55.3548, 0.3439, 0.3655



43.6291, 0.2815, 0.2896

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.



55.3548, 0.2995, 0.2945



55.3548, 0.3439, 0.3655



55.3548, 0.2724, 0.3017

Square

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



55.3548, 0.3439, 0.3655



55.3548, 0.2845, 0.3381



55.3548, 0.2818, 0.2935



55.3548, 0.3414, 0.3195

Rectangle

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



55.3548, 0.3439, 0.3655



55.3548, 0.3104, 0.3608



55.3548, 0.2818, 0.2935



55.3548, 0.3139, 0.2999

Sweetspot

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



55.3573, 0.3439, 0.3655



96.6294, 0.3219, 0.3401



43.5580, 0.3408, 0.3158



20.6058, 0.3230, 0.3413



0.0000, 0.0000, 0.0000



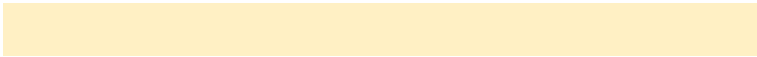
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3573, 0.3439, 0.3655



87.7523, 0.3506, 0.3730



58.7429, 0.3342, 0.3782



12.6016, 0.3272, 0.3463



22.5397, 0.4714, 0.4639



1.2788, 0.4591, 0.4737

Inverse Universe

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



43.6291, 0.2815, 0.2896



65.6213, 0.2747, 0.2808



40.8805, 0.2884, 0.2772



11.2936, 0.2983, 0.3111



4.3698, 0.1584, 0.0902



0.3498, 0.1693, 0.1293

Previews

White Background



This preview shows how the Yxy color 55.3548, 0.3439, 0.3655 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 55.3548, 0.3439, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

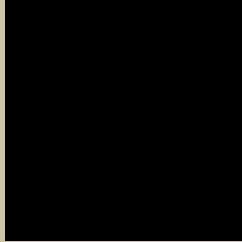
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

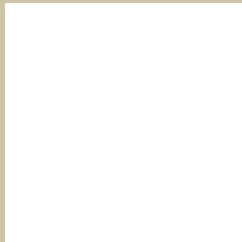
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3548, 0.3439, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 55.3548, 0.3439, 0.3655.



This preview shows how white text looks on a background with the Yxy color 55.3548, 0.3439, 0.3655.

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

55.3548, 0.3439, 0.3655

Protanopia

55.4984, 0.3447, 0.3654

Deuteranopia

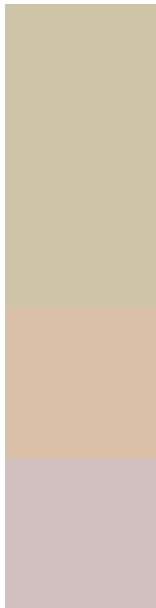
55.1928, 0.3612, 0.3546



Tritanopia

55.0836, 0.3184, 0.3116

Trichromacy



Original Color

55.3548, 0.3439, 0.3655

Protanomaly

55.4984, 0.3447, 0.3654

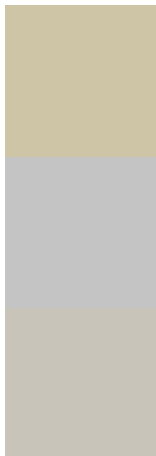
Deuteranomaly

55.3947, 0.3543, 0.3585

Tritanomaly

55.0162, 0.3274, 0.3302

Monochromacy



Original Color

55.3548, 0.3439, 0.3655

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2620, 0.3242, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3548, 0.3439, 0.3655 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(206, 196, 166)` looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 166)  
}
```

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(206, 196, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 166) }
```

Border

The CSS property to change the border of an element to Yxy 55.3548, 0.3439, 0.3655 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(206, 196, 166) }
```

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

```
.border{ border-color:rgb(206, 196, 166) }
```

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

Here you see how a box with a 4 pixel rgb(206, 196, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 166);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3548, 0.3439, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 166) }
```

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

```
.background{ background-color: rgb(206,  
196, 166) }
```

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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