

Converting Colors

$Yxy(55.6478, 0.3495, 0.3684)$

Have a look what the booklet for
Yxy(55.6478, 0.3495, 0.3684)
contains.

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Color

Yxy(55.8258, 0.3496, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	D2C4A3
RGB	210, 196, 163
RGB Percent	82%, 77%, 64%
CMY	0.1766, 0.2313, 0.3609
CMYK	0.00, 0.07, 0.22, 0.18
HSL	42°, 34%, 73%
HSV	42°, 22%, 82%
XYZ	52.9195, 55.8258, 42.6262
YIQ	196.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

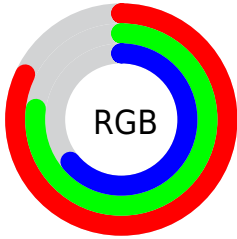
Format	Color
R _{YB}	183, 210, 163
Decimal	13812899
CIE Lab	79.51, -0.37, 18.37
CIE LCh	80, 18.376, 91.140
Yxy	55.8258, 0.3496, 0.3688
Android (android.graphics.Color)	4292002979 (0xFFD2C4A3)
YUV	196.4240, -16.4780, 11.9062
Hunter-Lab	74.7167, -4.3282, 18.4764

Details

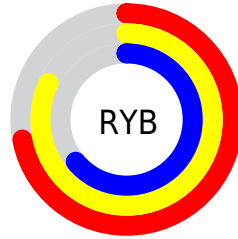
The Yxy color **55.8258, 0.3496, 0.3688** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8493, 0.2765, 0.2857**, and the grayscale version is **55.5600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5725, 0.3348, 0.3632**, and **27.4623, 0.3595, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **52.3839, 0.3683, 0.3873**, and if you desaturate by 10%, it is **59.5144, 0.3322, 0.3506**.

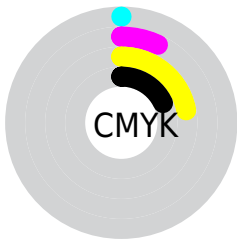
Distribution



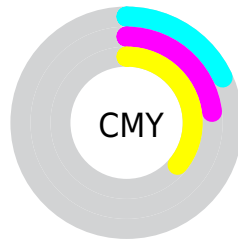
- Red (82%)
- Green (77%)
- Blue (64%)



- Red (72%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (18%)




- Cyan (18%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8258, 0.3496, 0.3688 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 55.8258, 0.3496, 0.3688 by changing the saturation by 10% instead.

 55.8258, 0.3496,
0.3688

 55.8258, 0.3496,
0.3688


409.0347, 0.3318,
0.3495

 40.0633, 0.3539,
0.3734


 98.7498, 0.3433,
0.3619

 27.5879, 0.3592,
0.3792


 126.6801, 0.3408,
0.3593

 18.0152, 0.3661,
0.3867


159.4351, 0.3388,
0.3571

 10.9609, 0.3754,
0.3967

197.3993, 0.3370,
0.3552

 6.0406, 0.3883,
0.4108

240.9569, 0.3354,
0.3535

 2.8698, 0.4073,
0.4316

290.4924, 0.3341,

 1.0641, 0.4848,

0.3520

0.5152

346.3902, 0.3329,
0.3507

0.0000, 0.0000,
0.0000

55.8258, 0.3496,
0.3688

55.8258, 0.3496,
0.3688

52.3839, 0.3683,
0.3873

59.5144, 0.3322,
0.3506

49.1736, 0.3879,
0.4053

63.4494, 0.3163,
0.3330

46.1894, 0.4080,
0.4220

67.6399, 0.3019,
0.3165

43.4224, 0.4277,
0.4363

72.0923, 0.2889,
0.3010

40.8629, 0.4461,
0.4472

75.9497, 0.2845,
0.2995

■ 38.5001, 0.4624,
0.4537

■ 79.4237, 0.2848,
0.3063

■ 36.3209, 0.4758,
0.4553

■ 83.0224, 0.2852,
0.3129

■ 34.7670, 0.4842,
0.4537

■ 86.7470, 0.2855,
0.3195

■ 90.5987, 0.2859,
0.3259

Harmonies

Analogous

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



55.8258, 0.3602, 0.3555



55.8258, 0.3496, 0.3688



55.8258, 0.3292, 0.3715

Triad

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



55.8258, 0.3496, 0.3688



55.8258, 0.2698, 0.3191



55.8258, 0.3192, 0.2993

Complementary

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



55.8258, 0.3496, 0.3688



43.8493, 0.2765, 0.2857

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.



55.8258, 0.2951, 0.2899



55.8258, 0.3496, 0.3688



55.8258, 0.2673, 0.3002

Square

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



55.8258, 0.3496, 0.3688



55.8258, 0.2834, 0.3419



55.8258, 0.2764, 0.2900



55.8258, 0.3423, 0.3159

Rectangle

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



55.8258, 0.3496, 0.3688



55.8258, 0.3130, 0.3662



55.8258, 0.2764, 0.2900



55.8258, 0.3109, 0.2953

Sweetspot

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



55.8283, 0.3496, 0.3688



95.5698, 0.3236, 0.3412



43.0605, 0.3447, 0.3118



20.3761, 0.3246, 0.3423



0.0000, 0.0000, 0.0000



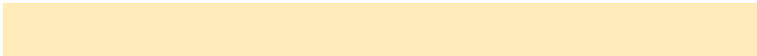
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8283, 0.3496, 0.3688



83.9809, 0.3587, 0.3779



61.0756, 0.3387, 0.3858



13.1804, 0.3273, 0.3453



21.3982, 0.4830, 0.4547



1.3310, 0.4687, 0.4661

Inverse Universe

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



43.8493, 0.2765, 0.2857



62.1015, 0.2678, 0.2747



39.6516, 0.2828, 0.2682



11.9814, 0.2982, 0.3122



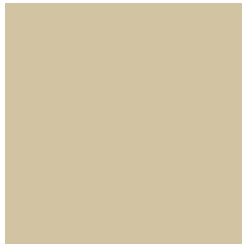
5.1149, 0.1612, 0.1001



0.4243, 0.1715, 0.1374

Previews

White Background



This preview shows how the Yxy color 55.8258, 0.3496, 0.3688 looks on a white background.

Color Contrast Check

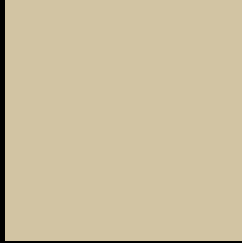
Large Text (above 18pt) WCAG AA × Fail

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 55.8258, 0.3496, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

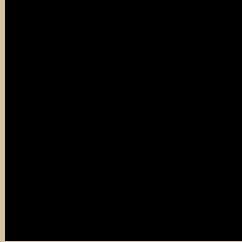
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

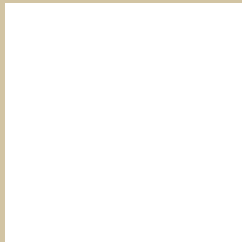
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8258, 0.3496, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 55.8258, 0.3496, 0.3688.



This preview shows how white text looks on a background with the Yxy color 55.8258, 0.3496, 0.3688.

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

55.8258, 0.3496, 0.3688

Protanopia

55.9867, 0.3477, 0.3701

Deuteranopia

55.5695, 0.3663, 0.3578



Tritanopia

55.6818, 0.3217, 0.3117

Trichromacy



Original Color

55.8258, 0.3496, 0.3688

Protanomaly

56.1322, 0.3485, 0.3700

Deuteranomaly

55.7518, 0.3593, 0.3618

Tritanomaly

55.5631, 0.3315, 0.3314

Monochromacy



Original Color

55.8258, 0.3496, 0.3688

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3581, 0.3257, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8258, 0.3496, 0.3688 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(210, 196, 163)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 163)  
}
```

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(210, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 163) }
```

Border

The CSS property to change the border of an element to Yxy 55.8258, 0.3496, 0.3688 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(210, 196, 163) }
```

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

```
.border{ border-color:rgb(210, 196, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 196, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 163);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8258, 0.3496, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 163) }
```

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

```
.background{ background-color: rgb(210,  
196, 163) }
```

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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