

Converting Colors

Yxy(55.2431, 0.3895, 0.3810)

Have a look what the booklet for
Yxy(55.2431, 0.3895, 0.3810)
contains.

Yxy(55.2431, 0.3895, 0.3810)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.2431, 0.3895, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	E9BC8E
RGB	233, 188, 142
RGB Percent	91%, 74%, 56%
CMY	0.0862, 0.2628, 0.4431
CMYK	0.00, 0.19, 0.39, 0.09
HSL	30°, 67%, 74%
HSV	30°, 39%, 91%
XYZ	56.4756, 55.2431, 33.2764
YIQ	196.2110, 41.5860, -4.7660

Conversions

Conversions Part 2

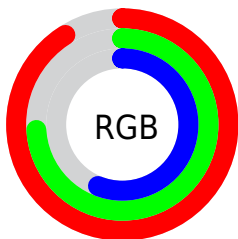
Format	Color
R _Y B	231, 233, 142
Decimal	15318158
CIE Lab	79.18, 10.09, 29.39
CIE LCh	79, 31.071, 71.057
Yxy	55.2431, 0.3895, 0.3810
Android (android.graphics.Color)	4293508238 (0xFFE9BC8E)
YUV	196.2110, -26.7260, 32.2640
Hunter-Lab	74.3257, 5.5613, 25.4833

Details

The Yxy color **55.2431, 0.3895, 0.3810** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1866, 0.2497, 0.2700**, and the grayscale version is **55.4823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9469, 0.3501, 0.3768**, and **27.3134, 0.4098, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **49.8876, 0.4149, 0.3939**, and if you desaturate by 10%, it is **61.1435, 0.3663, 0.3673**.

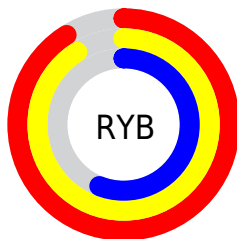
Distribution



Red (91%)

Green (74%)

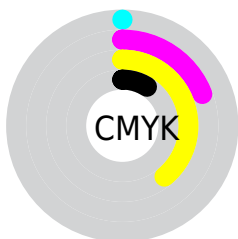
Blue (56%)



Red (91%)

Yellow (91%)

Blue (56%)

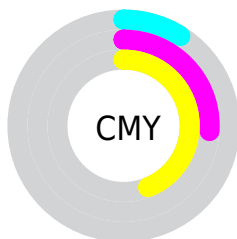


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2431, 0.3895, 0.3810 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 55.2431, 0.3895, 0.3810 by changing the saturation by 10% instead.


 55.2431, 0.3895,
0.3810


 55.2431, 0.3895,
0.3810


406.8328, 0.3522,
0.3569

 39.5964, 0.3983,
0.3864


 97.8970, 0.3763,
0.3727

 27.2240, 0.4094,
0.3929


 125.6731, 0.3712,
0.3695

 17.7415, 0.4235,
0.4008


158.2610, 0.3669,
0.3667

 10.7646, 0.4420,
0.4105

196.0452, 0.3632,
0.3642

 5.9088, 0.4669,
0.4221

239.4101, 0.3599,
0.3620

 2.7897, 0.5135,
0.4454

288.7400, 0.3570,

 1.0229, 0.5537,

0.3601

0.4463

344.4195, 0.3545,
0.3584

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2431, 0.3895,
0.3810

55.2431, 0.3895,
0.3810

49.8876, 0.4149,
0.3939

61.1435, 0.3663,
0.3673

45.0508, 0.4418,
0.4051

67.5982, 0.3456,
0.3537

40.7157, 0.4694,
0.4132

74.6261, 0.3273,
0.3404

36.8608, 0.4959,
0.4171

82.2428, 0.3113,
0.3279

■ 33.4619, 0.5196,
0.4157

■ 90.2349, 0.2993,
0.3196

■ 30.4871, 0.5395,
0.4091

■ 96.0676, 0.2994,
0.3290

■ 30.2270, 0.5413,
0.4084

Harmonies

Analogous

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



55.2431, 0.3934, 0.3504



55.2431, 0.3895, 0.3810



55.2431, 0.3643, 0.4004

Triad

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



55.2431, 0.3895, 0.3810



55.2431, 0.2542, 0.3372



55.2431, 0.2952, 0.2685

Complementary

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



55.2431, 0.3895, 0.3810



47.1866, 0.2497, 0.2700

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.



55.2431, 0.2606, 0.2626



55.2431, 0.3895, 0.3810



55.2431, 0.2382, 0.2990

Square

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



55.2431, 0.3895, 0.3810



55.2431, 0.2858, 0.3758



55.2431, 0.2406, 0.2727



55.2431, 0.3369, 0.2880

Rectangle

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



55.2431, 0.3895, 0.3810



55.2431, 0.3396, 0.4026



55.2431, 0.2406, 0.2727



55.2431, 0.2824, 0.2649

Sweetspot

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



55.2457, 0.3895, 0.3810



88.9033, 0.3326, 0.3443



40.2830, 0.3610, 0.2780



18.7840, 0.3349, 0.3460



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.



55.2457, 0.3895, 0.3810



62.3647, 0.4101, 0.3916



77.5718, 0.3712, 0.4257



16.3122, 0.3280, 0.3409



17.3962, 0.5389, 0.4103



1.5585, 0.5179, 0.4270

Inverse Universe

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



47.1866, 0.2497, 0.2700



51.1610, 0.2366, 0.2550



30.9808, 0.2406, 0.2097



15.7796, 0.2981, 0.3168



10.5764, 0.1767, 0.1562



1.0228, 0.1838, 0.1815

Previews

White Background



This preview shows how the Yxy color 55.2431, 0.3895, 0.3810 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 55.2431, 0.3895, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

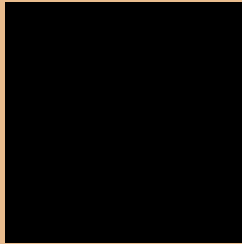
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2431, 0.3895, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 55.2431, 0.3895, 0.3810.



This preview shows how white text looks on a background with the Yxy color 55.2431, 0.3895, 0.3810.

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

55.2431, 0.3895, 0.3810

Protanopia

55.4041, 0.3638, 0.3892

Deuteranopia

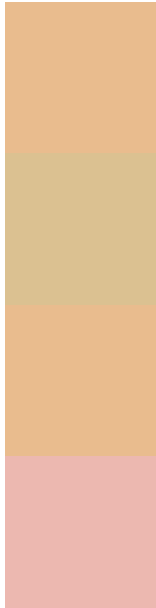
55.2431, 0.3895, 0.3810



Tritanopia

55.1650, 0.3505, 0.3137

Trichromacy



Original Color

55.2431, 0.3895, 0.3810

Protanomaly

55.2443, 0.3727, 0.3856

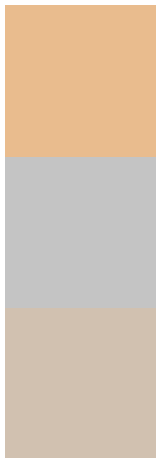
Deuteranomaly

55.2431, 0.3895, 0.3810

Tritanomaly

55.2484, 0.3645, 0.3381

Monochromacy



Original Color

55.2431, 0.3895, 0.3810

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8298, 0.3391, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2431, 0.3895, 0.3810 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(233, 188, 142)` looks like.

```
.text, #text, p{  
    color:rgb(233, 188, 142)  
}
```

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(233, 188, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 188, 142) }
```

Border

The CSS property to change the border of an element to Yxy 55.2431, 0.3895, 0.3810 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(233, 188, 142) }
```

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

```
.border{ border-color:rgb(233, 188, 142) }
```

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

Here you see how a box with a 4 pixel rgb(233, 188, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 188, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 188, 142);  
box-shadow:4px 4px 4px 4px rgb(233, 188,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2431, 0.3895, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 188, 142) }
```

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

```
.background{ background-color: rgb(233,  
188, 142) }
```

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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