

Converting Colors

$Yxy(55.1846, 0.3835, 0.3665)$

Have a look what the booklet for
Yxy(55.1846, 0.3835, 0.3665)
contains.

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Color

Yxy(55.2506, 0.3837, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	ECBA99
RGB	236, 186, 153
RGB Percent	93%, 73%, 60%
CMY	0.0744, 0.2706, 0.3999
CMYK	0.00, 0.21, 0.35, 0.07
HSL	24°, 69%, 76%
HSV	24°, 35%, 93%
XYZ	57.9067, 55.2506, 37.7594
YIQ	197.1880, 40.3930, 0.3370

Conversions

Conversions Part 2

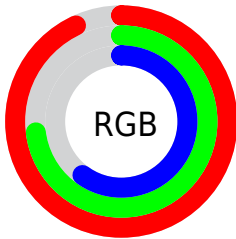
Format	Color
R _Y B	236, 208, 153
Decimal	15514265
CIE Lab	79.19, 13.59, 23.60
CIE LCh	79, 27.232, 60.066
Yxy	55.2506, 0.3837, 0.3661
Android (android.graphics.Color)	4293704345 (0xFFECBA99)
YUV	197.1880, -21.7847, 34.0381
Hunter-Lab	74.3307, 8.9801, 21.9127

Details

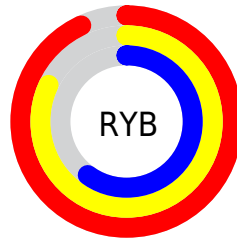
The Yxy color **55.2506, 0.3837, 0.3661** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5654, 0.2577, 0.2884**, and the grayscale version is **56.0733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2693, 0.3434, 0.3639**, and **27.3181, 0.4025, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **48.8505, 0.4110, 0.3767**, and if you desaturate by 10%, it is **62.4069, 0.3597, 0.3551**.

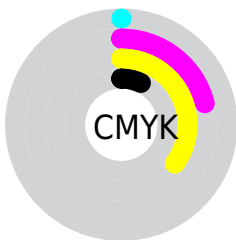
Distribution



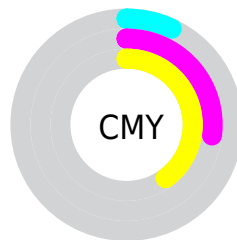
- Red (93%)
- Green (73%)
- Blue (60%)



- Red (93%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2506, 0.3837, 0.3661 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 55.2506, 0.3837, 0.3661 by changing the saturation by 10% instead.


 55.2506, 0.3837,
0.3661


 55.2506, 0.3837,
0.3661

406.8612, 0.3490,
0.3491

 39.6024, 0.3920,
0.3699


 97.9080, 0.3713,
0.3603

 27.2287, 0.4025,
0.3744


 125.6860, 0.3666,
0.3580

 17.7450, 0.4161,
0.3799


158.2761, 0.3626,
0.3560

 10.7671, 0.4342,
0.3867

196.0626, 0.3591,
0.3543

 5.9104, 0.4595,
0.3949

239.4300, 0.3561,
0.3527

 2.7907, 0.4984,
0.4053

288.7626, 0.3535,

 1.0235, 0.5752,

0.3514

0.4248

344.4449, 0.3511,
0.3502

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2506, 0.3837,
0.3661

55.2506, 0.3837,
0.3661

48.8505, 0.4110,
0.3767

62.4069, 0.3597,
0.3551

43.1722, 0.4412,
0.3860

70.3366, 0.3388,
0.3444

38.1901, 0.4734,
0.3930

79.0660, 0.3209,
0.3341

33.8737, 0.5060,
0.3964

88.6178, 0.3056,
0.3244

■ 30.1896, 0.5364,
0.3948

■ 96.5760, 0.3011,
0.3290

■ 27.0999, 0.5622,
0.3879

■ 25.8000, 0.5730,
0.3832

Harmonies

Analogous

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



55.2506, 0.3793, 0.3375



55.2506, 0.3837, 0.3661



55.2506, 0.3680, 0.3873

Triad

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



55.2506, 0.3837, 0.3661



55.2506, 0.2702, 0.3493



55.2506, 0.2851, 0.2720

Complementary

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



55.2506, 0.3837, 0.3661



55.5654, 0.2577, 0.2884

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.



55.2506, 0.2586, 0.2720



55.2506, 0.3837, 0.3661



55.2506, 0.2503, 0.3145

Square

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



55.2506, 0.3837, 0.3661



55.2506, 0.3019, 0.3794



55.2506, 0.2463, 0.2867



55.2506, 0.3206, 0.2852

Rectangle

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



55.2506, 0.3837, 0.3661



55.2506, 0.3489, 0.3934



55.2506, 0.2463, 0.2867



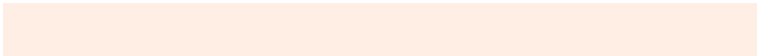
55.2506, 0.2750, 0.2704

Sweetspot

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



55.2532, 0.3837, 0.3661



88.0071, 0.3311, 0.3400



44.9959, 0.3453, 0.2729



18.5383, 0.3336, 0.3415



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.



55.2532, 0.3837, 0.3661



60.4169, 0.4025, 0.3736



74.7121, 0.3689, 0.4075



16.0360, 0.3283, 0.3384



14.4553, 0.5702, 0.3855



1.3184, 0.5448, 0.4056

Inverse Universe

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



55.5654, 0.2577, 0.2884



60.8191, 0.2470, 0.2787



38.9224, 0.2505, 0.2360



16.0594, 0.2981, 0.3194



14.3014, 0.1871, 0.1935



1.3100, 0.1929, 0.2142

Previews

White Background



This preview shows how the Yxy color 55.2506, 0.3837, 0.3661 looks on a white background.

Color Contrast Check

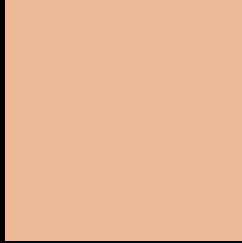
Large Text (above 18pt) WCAG AA × Fail

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 55.2506, 0.3837, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

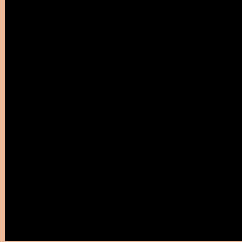
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2506, 0.3837, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 55.2506, 0.3837, 0.3661.



This preview shows how white text looks on a background with the Yxy color 55.2506, 0.3837, 0.3661.

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

55.2506, 0.3837, 0.3661

Protanopia

55.3584, 0.3518, 0.3751

Deuteranopia

55.0893, 0.3776, 0.3691



Tritanopia

55.0628, 0.3533, 0.3138

Trichromacy



Original Color

55.2506, 0.3837, 0.3661

Protanomaly

55.0050, 0.3633, 0.3716

Deuteranomaly

54.9964, 0.3798, 0.3677

Tritanomaly

55.0613, 0.3651, 0.3325

Monochromacy



Original Color

55.2506, 0.3837, 0.3661

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3250, 0.3368, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2506, 0.3837, 0.3661 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(236, 186, 153)` looks like.

```
.text, #text, p{  
    color:rgb(236, 186, 153)  
}
```

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(236, 186, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 186, 153) }
```

Border

The CSS property to change the border of an element to Yxy 55.2506, 0.3837, 0.3661 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(236, 186, 153) }
```

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

```
.border{ border-color:rgb(236, 186, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 186, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 186, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 186, 153);  
box-shadow:4px 4px 4px 4px rgb(236, 186,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2506, 0.3837, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 186, 153) }
```

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

```
.background{ background-color: rgb(236,  
186, 153) }
```

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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