

Converting Colors

$Y_{xy}(55.2938, 0.3936, 0.3852)$

Have a look what the booklet for
Yxy(55.2938, 0.3936, 0.3852)
contains.

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Color

Yxy(55.2938, 0.3936, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	EABC8A
RGB	234, 188, 138
RGB Percent	92%, 74%, 54%
CMY	0.0824, 0.2627, 0.4587
CMYK	0.00, 0.20, 0.41, 0.08
HSL	31°, 70%, 73%
HSV	31°, 41%, 92%
XYZ	56.4996, 55.2938, 31.7523
YIQ	196.0540, 43.4660, -5.7980

Conversions

Conversions Part 2

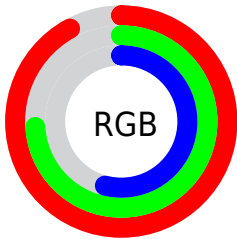
Format	Color
R _Y B	226, 234, 138
Decimal	15383690
CIE Lab	79.21, 10.02, 31.53
CIE LCh	79, 33.082, 72.368
Yxy	55.2938, 0.3936, 0.3852
Android (android.graphics.Color)	4293573770 (0xFFEABC8A)
YUV	196.0540, -28.6206, 33.2786
Hunter-Lab	74.3598, 5.4971, 26.7345

Details

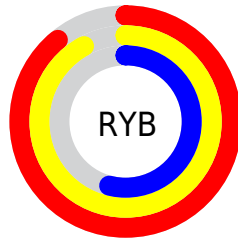
The Yxy color $55.2938, 0.3936, 0.3852$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $45.6285, 0.2462, 0.2645$, and the grayscale version is $55.3936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.7671, 0.3526, 0.3809$, and $27.2462, 0.4141, 0.3988$ is the 20% darker color. If you saturate the color by 10%, you get $50.0843, 0.4189, 0.3982$, and if you desaturate by 10%, it is $61.0267, 0.3703, 0.3712$.

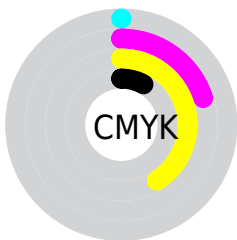
Distribution



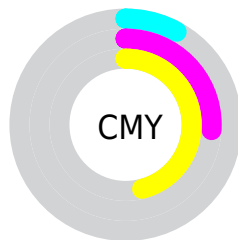
- Red (92%)
- Green (74%)
- Blue (54%)



- Red (89%)
- Yellow (92%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (8%)




- Cyan (8%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2938, 0.3936, 0.3852 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 55.2938, 0.3936, 0.3852 by changing the saturation by 10% instead.


 55.2938, 0.3936,
0.3852


 55.2938, 0.3936,
0.3852


407.0247, 0.3544,
0.3592


 39.6370, 0.4028,
0.3909


 97.9713, 0.3797,
0.3763

 27.2556, 0.4143,
0.3979


 125.7608, 0.3744,
0.3728

 17.7653, 0.4289,
0.4063


 158.3632, 0.3699,
0.3698

 10.7816, 0.4479,
0.4164

196.1631, 0.3660,
0.3671

 5.9202, 0.4732,
0.4283

239.5448, 0.3625,
0.3648

 2.7966, 0.5255,
0.4564

288.8927, 0.3595,

 1.0265, 0.5533,

0.3627

0.4467

344.5912, 0.3568,
0.3609

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2938, 0.3936,
0.3852

55.2938, 0.3936,
0.3852

50.0843, 0.4189,
0.3982

61.0267, 0.3703,
0.3712

45.3723, 0.4455,
0.4093

67.2917, 0.3493,
0.3571

41.1414, 0.4722,
0.4170

74.1075, 0.3306,
0.3433

37.3702, 0.4975,
0.4203

81.4889, 0.3142,
0.3303

34.0349, 0.5198,
0.4182

89.4488, 0.2999,
0.3181

31.3778, 0.5367,
0.4121

96.2292, 0.2999,
0.3290

Harmonies

Analogous

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



55.2938, 0.3990, 0.3529



55.2938, 0.3936, 0.3852



55.2938, 0.3658, 0.4055

Triad

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



55.2938, 0.3936, 0.3852



55.2938, 0.2495, 0.3357



55.2938, 0.2959, 0.2656

Complementary

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



55.2938, 0.3936, 0.3852



45.6285, 0.2462, 0.2645

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.



55.2938, 0.2587, 0.2586



55.2938, 0.3936, 0.3852



55.2938, 0.2335, 0.2953

Square

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



55.2938, 0.3936, 0.3852



55.2938, 0.2823, 0.3775



55.2938, 0.2368, 0.2683



55.2938, 0.3403, 0.2867

Rectangle

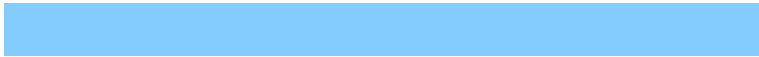
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2938, 0.3936, 0.3852



55.2938, 0.3392, 0.4074



55.2938, 0.2368, 0.2683



55.2938, 0.2822, 0.2615

Sweetspot

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



55.2964, 0.3936, 0.3852



89.1835, 0.3325, 0.3448



39.1540, 0.3661, 0.2772



18.8499, 0.3348, 0.3465



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.



55.2964, 0.3936, 0.3852



61.9633, 0.4143, 0.3960



77.8904, 0.3728, 0.4307



16.3522, 0.3280, 0.3413



17.8896, 0.5344, 0.4139



1.5973, 0.5141, 0.4300

Inverse Universe

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



45.6285, 0.2462, 0.2645



48.7603, 0.2329, 0.2487



29.6701, 0.2375, 0.2031



15.7397, 0.2981, 0.3164



10.1134, 0.1753, 0.1511



0.9858, 0.1825, 0.1768

Previews

White Background



This preview shows how the Yxy color 55.2938, 0.3936, 0.3852 looks on a white background.

Color Contrast Check

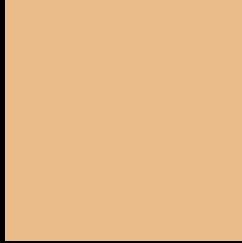
Large Text (above 18pt) WCAG AA × Fail

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 55.2938, 0.3936, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

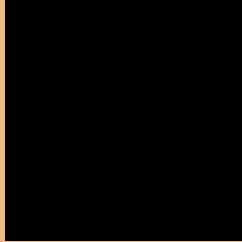
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2938, 0.3936, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 55.2938, 0.3936, 0.3852.



This preview shows how white text looks on a background with the Yxy color 55.2938, 0.3936, 0.3852.

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

55.2938, 0.3936, 0.3852

Protanopia

55.2817, 0.3669, 0.3940

Deuteranopia

55.2938, 0.3936, 0.3852



Tritanopia

55.5131, 0.3523, 0.3138

Trichromacy



Original Color

55.2938, 0.3936, 0.3852

Protanomaly

55.1231, 0.3759, 0.3902

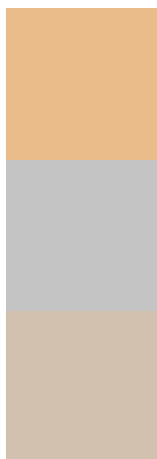
Deuteranomaly

55.2938, 0.3936, 0.3852

Tritanomaly

55.5141, 0.3680, 0.3403

Monochromacy



Original Color

55.2938, 0.3936, 0.3852

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9367, 0.3408, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2938, 0.3936, 0.3852 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(234, 188, 138)` looks like.

```
.text, #text, p{  
    color:rgb(234, 188, 138)  
}
```

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(234, 188, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 188, 138) }
```

Border

The CSS property to change the border of an element to Yxy 55.2938, 0.3936, 0.3852 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(234, 188, 138) }
```

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

```
.border{ border-color:rgb(234, 188, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 188, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 188, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 188, 138);  
box-shadow:4px 4px 4px 4px rgb(234, 188,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2938, 0.3936, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 188, 138) }
```

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

```
.background{ background-color: rgb(234,  
188, 138) }
```

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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