

Converting Colors

$Y_{xy}(55.8394, 0.3721, 0.3804)$

Have a look what the booklet for
Yxy(55.8394, 0.3721, 0.3804)
contains.

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Color

Yxy(55.8394, 0.3721, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	DEC195
RGB	222, 193, 149
RGB Percent	87%, 76%, 58%
CMY	0.1294, 0.2431, 0.4157
CMYK	0.00, 0.13, 0.33, 0.13
HSL	36°, 53%, 73%
HSV	36°, 33%, 87%
XYZ	54.6210, 55.8394, 36.3308
YIQ	196.6550, 31.4080, -7.5360

Conversions

Conversions Part 2

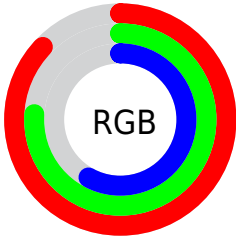
Format	Color
R _{YB}	197, 222, 149
Decimal	14598549
CIE Lab	79.52, 3.96, 25.97
CIE LCh	80, 26.276, 81.325
Yxy	55.8394, 0.3721, 0.3804
Android (android.graphics.Color)	4292788629 (0xFFDEC195)
YUV	196.6550, -23.4939, 22.2276
Hunter-Lab	74.7258, -0.2950, 23.4819

Details

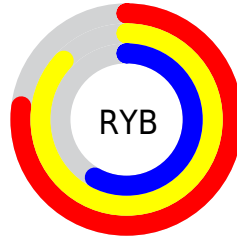
The Yxy color $55.8394, 0.3721, 0.3804$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $43.5066, 0.2588, 0.2714$, and the grayscale version is $55.7478, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.3232, 0.3447, 0.3745$, and $27.7450, 0.3872, 0.3934$ is the 20% darker color. If you saturate the color by 10%, you get $51.4148, 0.3939, 0.3962$, and if you desaturate by 10%, it is $60.6370, 0.3519, 0.3643$.

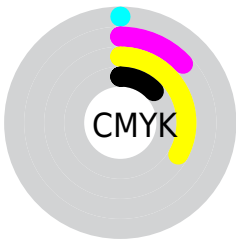
Distribution



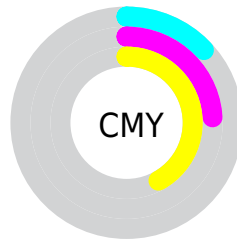
- Red (87%)
- Green (76%)
- Blue (58%)



- Red (77%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (13%)




- Cyan (13%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8394, 0.3721, 0.3804 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 55.8394, 0.3721, 0.3804 by changing the saturation by 10% instead.


 55.8394, 0.3721,
0.3804

 55.8394, 0.3721,
0.3804


409.0860, 0.3434,
0.3560

 40.0742, 0.3789,
0.3861


 98.7697, 0.3619,
0.3718

 27.5964, 0.3874,
0.3931


 126.7036, 0.3580,
0.3685

 18.0216, 0.3983,
0.4019


159.4625, 0.3547,
0.3657

 10.9655, 0.4126,
0.4133

197.4308, 0.3518,
0.3632

 6.0437, 0.4322,
0.4282

240.9929, 0.3493,
0.3611

 2.8716, 0.4637,
0.4518

290.5332, 0.3471,

 1.0651, 0.5138,

0.3592

0.4862

346.4361, 0.3451,
0.3575

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8394, 0.3721,
0.3804

55.8394, 0.3721,
0.3804

51.4148, 0.3939,
0.3962

60.6370, 0.3519,
0.3643

47.3436, 0.4169,
0.4107

65.8108, 0.3336,
0.3484

43.6159, 0.4403,
0.4230

71.3738, 0.3171,
0.3332

40.2179, 0.4631,
0.4318

77.3359, 0.3025,
0.3189

■ 37.1343, 0.4838,
0.4360

■ 83.3803, 0.2924,
0.3106

■ 34.3474, 0.5015,
0.4349

■ 88.6173, 0.2926,
0.3197

■ 32.5278, 0.5123,
0.4314

■ 94.1091, 0.2929,
0.3287

■ 94.2713, 0.2929,
0.3289

Harmonies

Analogous

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



55.8394, 0.3818, 0.3572



55.8394, 0.3721, 0.3804



55.8394, 0.3463, 0.3910

Triad

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



55.8394, 0.3721, 0.3804



55.8394, 0.2567, 0.3246



55.8394, 0.3100, 0.2819

Complementary

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



55.8394, 0.3721, 0.3804



43.5066, 0.2588, 0.2714

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.



55.8394, 0.2776, 0.2726



55.8394, 0.3721, 0.3804



55.8394, 0.2482, 0.2950

Square

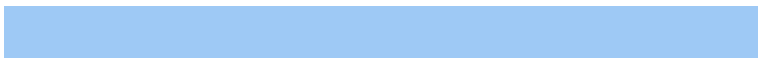
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8394, 0.3721, 0.3804



55.8394, 0.2798, 0.3579



55.8394, 0.2556, 0.2768



55.8394, 0.3449, 0.3020

Rectangle

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



55.8394, 0.3721, 0.3804



55.8394, 0.3240, 0.3879



55.8394, 0.2556, 0.2768



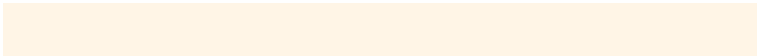
55.8394, 0.2984, 0.2774

Sweetspot

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



55.8420, 0.3721, 0.3804



92.1706, 0.3287, 0.3441



40.2476, 0.3582, 0.2947



19.5022, 0.3312, 0.3463



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.



55.8420, 0.3721, 0.3804



72.4951, 0.3859, 0.3906



68.8212, 0.3564, 0.4124



15.0679, 0.3277, 0.3431



19.5416, 0.5106, 0.4328



1.5280, 0.4928, 0.4469

Inverse Universe

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



43.5066, 0.2588, 0.2714



53.3009, 0.2477, 0.2579



33.8660, 0.2596, 0.2332



14.1324, 0.2981, 0.3145



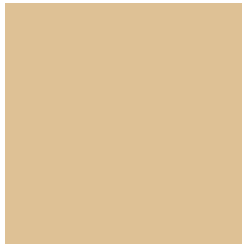
7.5011, 0.1684, 0.1261



0.6914, 0.1769, 0.1568

Previews

White Background



This preview shows how the Yxy color 55.8394, 0.3721, 0.3804 looks on a white background.

Color Contrast Check

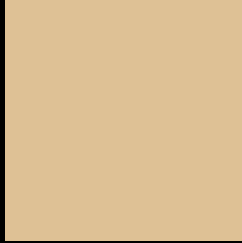
Large Text (above 18pt) WCAG AA × Fail

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 55.8394, 0.3721, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

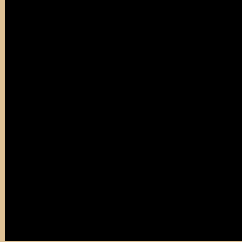
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8394, 0.3721, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 55.8394, 0.3721, 0.3804.



This preview shows how white text looks on a background with the Yxy color 55.8394, 0.3721, 0.3804.

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

55.8394, 0.3721, 0.3804

Protanopia

56.0158, 0.3596, 0.3843

Deuteranopia

55.7530, 0.3815, 0.3733



Tritanopia

55.8288, 0.3361, 0.3123

Trichromacy



Original Color

55.8394, 0.3721, 0.3804

Protanomaly

56.1289, 0.3642, 0.3837

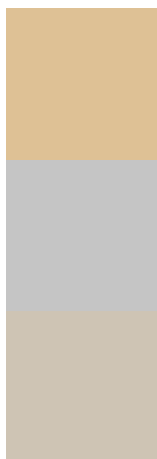
Deuteranomaly

55.5229, 0.3776, 0.3750

Tritanomaly

55.9413, 0.3495, 0.3371

Monochromacy



Original Color

55.8394, 0.3721, 0.3804

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8970, 0.3329, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8394, 0.3721, 0.3804 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(222, 193, 149)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 149)  
}
```

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(222, 193, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 149) }
```

Border

The CSS property to change the border of an element to Yxy 55.8394, 0.3721, 0.3804 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(222, 193, 149) }
```

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

```
.border{ border-color:rgb(222, 193, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 149);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8394, 0.3721, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 149) }
```

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

```
.background{ background-color: rgb(222,  
193, 149) }
```

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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