

Converting Colors

$Yxy(57.8263, 0.3892, 0.3885)$

Have a look what the booklet for
Yxy(57.8263, 0.3892, 0.3885)
contains.

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Color

Yxy(57.9694, 0.3893, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	EAC28C
RGB	234, 194, 140
RGB Percent	92%, 76%, 55%
CMY	0.0824, 0.2392, 0.4510
CMYK	0.00, 0.17, 0.40, 0.08
HSL	34°, 69%, 73%
HSV	34°, 40%, 92%
XYZ	57.9545, 57.9694, 32.9446
YIQ	199.8040, 41.1740, -8.3140

Conversions

Conversions Part 2

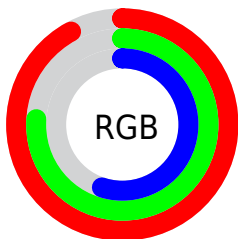
Format	Color
R _Y B	210, 234, 140
Decimal	15385228
CIE Lab	80.72, 7.08, 32.49
CIE LCh	81, 33.257, 77.703
Yxy	57.9694, 0.3893, 0.3894
Android (android.graphics.Color)	4293575308 (0xFFEAC28C)
YUV	199.8040, -29.4834, 29.9899
Hunter-Lab	76.1376, 2.6299, 27.6417

Details

The Yxy color **57.9694, 0.3893, 0.3894** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.1495, 0.2466, 0.2593**, and the grayscale version is **57.7987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5263, 0.3500, 0.3844**, and **29.1181, 0.4086, 0.4039** is the 20% darker color. If you saturate the color by 10%, you get **53.0703, 0.4129, 0.4038**, and if you desaturate by 10%, it is **63.3175, 0.3672, 0.3741**.

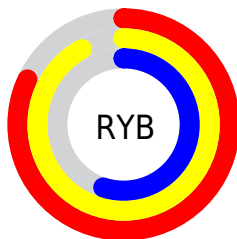
Distribution



Red (92%)

Green (76%)

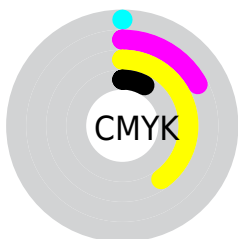
Blue (55%)



Red (82%)

Yellow (92%)

Blue (55%)

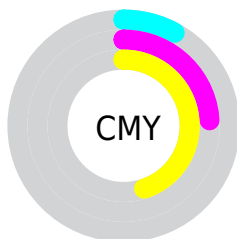


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (8%)



Cyan (8%)


Magenta (24%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9694, 0.3893, 0.3894 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 57.9694, 0.3893, 0.3894 by changing the saturation by 10% instead.

 57.9694, 0.3893,
0.3894


 57.9694, 0.3893,
0.3894


417.0719, 0.3526,
0.3614

 41.7840, 0.3978,
0.3956

 101.8783, 0.3764,
0.3798

 28.9322, 0.4084,
0.4032


 130.3706, 0.3715,
0.3760

 19.0296, 0.4217,
0.4124


 163.7341, 0.3672,
0.3727

 11.6916, 0.4388,
0.4238

202.3530, 0.3635,
0.3699

 6.5341, 0.4613,
0.4375

246.6119, 0.3603,
0.3674

 3.1725, 0.5029,
0.4640

296.8951, 0.3574,

 1.2224, 0.5320,

0.3651

0.4680

353.5869, 0.3549,
0.3632

0.0799, 0.7570,
0.2430

0.0000, 0.0000,
0.0000

57.9694, 0.3893,
0.3894

57.9694, 0.3893,
0.3894

53.0703, 0.4129,
0.4038

63.3175, 0.3672,
0.3741

48.5968, 0.4374,
0.4162


69.1205, 0.3471,
0.3586


44.5353, 0.4617,
0.4255


75.3946, 0.3290,
0.3436


40.8677, 0.4845,
0.4303

82.1524, 0.3130,
0.3292

 37.5733, 0.5045,
0.4299

 89.2769, 0.2999,
0.3178

 34.6682, 0.5208,
0.4247

 95.4220, 0.2999,
0.3277

 96.2307, 0.2999,
0.3290

Harmonies

Analogous

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



57.9694, 0.3990, 0.3589



57.9694, 0.3893, 0.3894



57.9694, 0.3587, 0.4062

Triad

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



57.9694, 0.3893, 0.3894



57.9694, 0.2459, 0.3280



57.9694, 0.3037, 0.2690

Complementary

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



57.9694, 0.3893, 0.3894



44.1495, 0.2466, 0.2593

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.



57.9694, 0.2649, 0.2593



57.9694, 0.3893, 0.3894



57.9694, 0.2334, 0.2898

Square

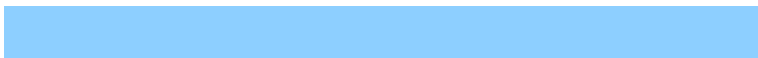
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9694, 0.3893, 0.3894



57.9694, 0.2759, 0.3702



57.9694, 0.2401, 0.2659



57.9694, 0.3477, 0.2921

Rectangle

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



57.9694, 0.3893, 0.3894



57.9694, 0.3314, 0.4051



57.9694, 0.2401, 0.2659



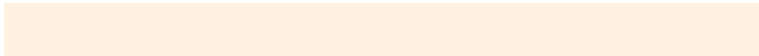
57.9694, 0.2896, 0.2641

Sweetspot

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



57.9721, 0.3893, 0.3894



90.1582, 0.3323, 0.3464



39.5717, 0.3696, 0.2833



19.0793, 0.3346, 0.3483



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.



57.9721, 0.3893, 0.3894



65.6239, 0.4082, 0.4011



77.1823, 0.3681, 0.4301



16.4914, 0.3278, 0.3425



19.7381, 0.5188, 0.4263



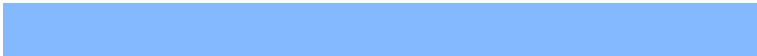
1.7400, 0.5013, 0.4402

Inverse Universe

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



44.1495, 0.2466, 0.2593



46.7317, 0.2329, 0.2422



30.8312, 0.2427, 0.2071



15.6023, 0.2980, 0.3151



8.6477, 0.1706, 0.1341



0.8662, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 57.9694, 0.3893, 0.3894 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 57.9694, 0.3893, 0.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

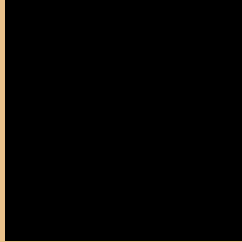
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9694, 0.3893, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 57.9694, 0.3893, 0.3894.



This preview shows how white text looks on a background with the Yxy color 57.9694, 0.3893, 0.3894.

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

57.9694, 0.3893, 0.3894

Protanopia

57.8907, 0.3690, 0.3961

Deuteranopia

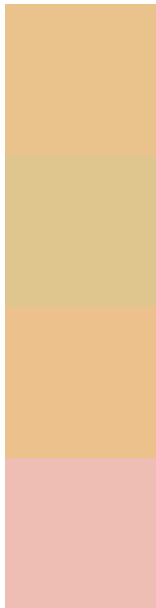
57.9434, 0.3945, 0.3863



Tritanopia

57.8601, 0.3462, 0.3128

Trichromacy



Original Color

57.9694, 0.3893, 0.3894

Protanomaly

58.0291, 0.3766, 0.3937

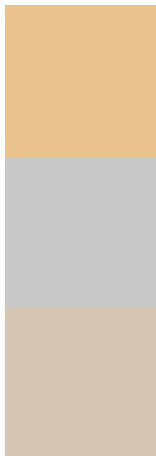
Deuteranomaly

58.0379, 0.3923, 0.3877

Tritanomaly

57.8270, 0.3624, 0.3402

Monochromacy



Original Color

57.9694, 0.3893, 0.3894

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5996, 0.3391, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9694, 0.3893, 0.3894 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, 194, 140)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 140)  
}
```

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, 194, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 140) }
```

Border

The CSS property to change the border of an element to Yxy 57.9694, 0.3893, 0.3894 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, 194, 140) }
```

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

```
.border{ border-color:rgb(234, 194, 140) }
```

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

Here you see how a box with a 4 pixel rgb(234, 194, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 140);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9694, 0.3893, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 140) }
```

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

```
.background{ background-color: rgb(234,  
194, 140) }
```

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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