

Converting Colors

$Yxy(57.5525, 0.3891, 0.4037)$

Have a look what the booklet for
Yxy(57.5525, 0.3891, 0.4037)
contains.

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Color

Yxy(57.4494, 0.3893, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	E3C483
RGB	227, 196, 131
RGB Percent	89%, 77%, 51%
CMY	0.1099, 0.2313, 0.4863
CMYK	0.00, 0.14, 0.42, 0.11
HSL	41°, 63%, 70%
HSV	41°, 42%, 89%
XYZ	55.5102, 57.4494, 29.6301
YIQ	197.8590, 39.3410, -13.6430

Conversions

Conversions Part 2

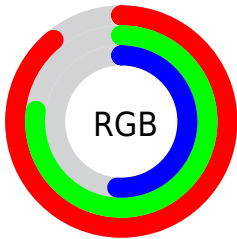
Format	Color
RYB	177, 227, 131
Decimal	14926979
CIELab	80.43, 2.29, 36.66
CIElCh	80, 36.728, 86.430
Yxy	57.4494, 0.3893, 0.4029
Android (android.graphics.Color)	4293117059 (0xFFE3C483)
YUV	197.8590, -32.9615, 25.5567
Hunter-Lab	75.7954, -1.9141, 29.8790

Details

The Yxy color **57.4494, 0.3893, 0.4029** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.1940, 0.2408, 0.2412**, and the grayscale version is **56.5676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3836, 0.3551, 0.3952**, and **28.4712, 0.4086, 0.4200** is the 20% darker color. If you saturate the color by 10%, you get **53.6790, 0.4102, 0.4192**, and if you desaturate by 10%, it is **61.5212, 0.3690, 0.3854**.

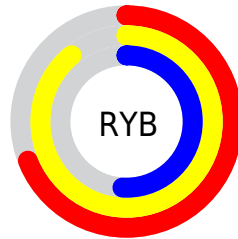
Distribution



Red (89%)

Green (77%)

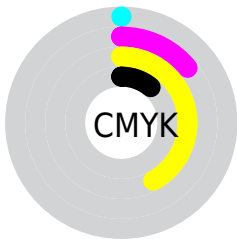
Blue (51%)



Red (69%)

Yellow (89%)

Blue (51%)

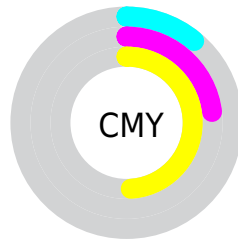


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (11%)



Cyan (11%)


Magenta (23%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4494, 0.3893, 0.4029 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 57.4494, 0.3893, 0.4029 by changing the saturation by 10% instead.


 57.4494, 0.3893,
0.4029

 57.4494, 0.3893,
0.4029


415.1311, 0.3530,
0.3682


 41.3662, 0.3976,
0.4107


 101.1206, 0.3766,
0.3909

 28.6053, 0.4077,
0.4202


 129.4774, 0.3717,
0.3862

 18.7824, 0.4204,
0.4318


 162.6941, 0.3675,
0.3822

 11.5132, 0.4362,
0.4462

201.1552, 0.3638,
0.3787

 6.4131, 0.4559,
0.4636

245.2451, 0.3606,
0.3756

 3.0979, 0.4981,
0.5019

295.3481, 0.3578,

 1.1830, 0.5022,

0.3728

0.4978

351.8486, 0.3552,
0.3704

0.0478, 0.6793,
0.3207

0.0000, 0.0000,
0.0000

57.4494, 0.3893,
0.4029

57.4494, 0.3893,
0.4029

53.6790, 0.4102,
0.4192

61.5212, 0.3690,
0.3854

50.1909, 0.4308,
0.4331


65.8967, 0.3499,
0.3674


46.9753, 0.4504,
0.4435


70.5882, 0.3323,
0.3498

44.0185, 0.4679,
0.4494


75.6048, 0.3162,
0.3328


 41.3042, 0.4823,
0.4502

 80.9550, 0.3017,
0.3167

 39.3588, 0.4915,
0.4479

 85.8380, 0.2955,
0.3137

 90.2356, 0.2957,
0.3212

 94.8092, 0.2958,
0.3285

 95.0680, 0.2958,
0.3290

Harmonies

Analogous

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



57.4494, 0.4080, 0.3720



57.4494, 0.3893, 0.4029



57.4494, 0.3504, 0.4158

Triad

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



57.4494, 0.3893, 0.4029



57.4494, 0.2330, 0.3140



57.4494, 0.3166, 0.2692

Complementary

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



57.4494, 0.3893, 0.4029



36.1940, 0.2408, 0.2412

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.



57.4494, 0.2709, 0.2539



57.4494, 0.3893, 0.4029



57.4494, 0.2256, 0.2758

Square

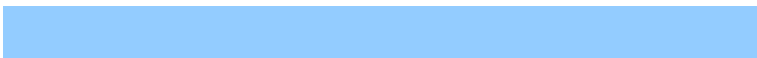
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4494, 0.3893, 0.4029



57.4494, 0.2606, 0.3617



57.4494, 0.2388, 0.2555



57.4494, 0.3646, 0.2977

Rectangle

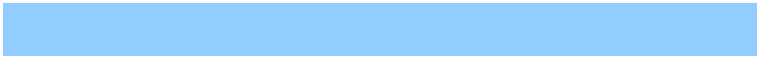
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4494, 0.3893, 0.4029



57.4494, 0.3191, 0.4094



57.4494, 0.2388, 0.2555



57.4494, 0.3005, 0.2624

Sweetspot

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



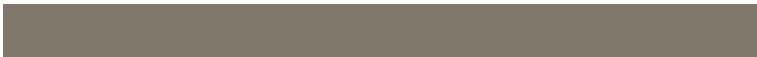
57.4521, 0.3893, 0.4029



91.4113, 0.3336, 0.3511



35.2006, 0.3847, 0.2919



19.2692, 0.3374, 0.3550



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.



57.4521, 0.3893, 0.4029



70.3505, 0.4081, 0.4177



70.4131, 0.3633, 0.4379



15.9921, 0.3275, 0.3449



23.1782, 0.4902, 0.4490



1.8794, 0.4773, 0.4593

Inverse Universe

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



36.1940, 0.2408, 0.2412



39.1789, 0.2245, 0.2182



27.9756, 0.2460, 0.2024



14.6425, 0.2981, 0.3126



6.2189, 0.1627, 0.1056



0.6232, 0.1708, 0.1348

Previews

White Background



This preview shows how the Yxy color 57.4494, 0.3893, 0.4029 looks on a white background.

Color Contrast Check

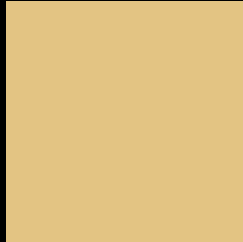
Large Text (above 18pt) WCAG AA × Fail

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 57.4494, 0.3893, 0.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

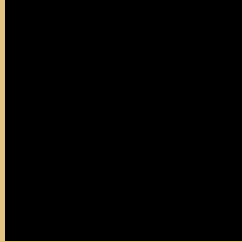
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4494, 0.3893, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 57.4494, 0.3893, 0.4029.



This preview shows how white text looks on a background with the Yxy color 57.4494, 0.3893, 0.4029.

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

57.4494, 0.3893, 0.4029

Protanopia

57.7262, 0.3781, 0.4085

Deuteranopia

57.4528, 0.4022, 0.3935



Tritanopia

57.2973, 0.3402, 0.3126

Trichromacy



Original Color

57.4494, 0.3893, 0.4029

Protanomaly

57.8849, 0.3820, 0.4064

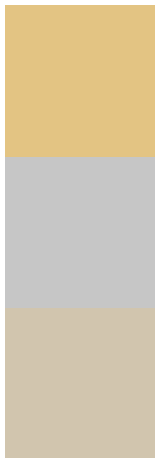
Deuteranomaly

57.4680, 0.3969, 0.3967

Tritanomaly

56.9504, 0.3586, 0.3449

Monochromacy



Original Color

57.4494, 0.3893, 0.4029

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5438, 0.3399, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4494, 0.3893, 0.4029 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(227, 196, 131)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 131)  
}
```

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(227, 196, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 131) }
```

Border

The CSS property to change the border of an element to Yxy 57.4494, 0.3893, 0.4029 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(227, 196, 131) }
```

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

```
.border{ border-color:rgb(227, 196, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 131);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4494, 0.3893, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 131) }
```

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

```
.background{ background-color: rgb(227,  
196, 131) }
```

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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