

Converting Colors

Yxy(61.4356, 0.3794, 0.3869)

Have a look what the booklet for
Yxy(61.4356, 0.3794, 0.3869)
contains.

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Color

Yxy(61.4356, 0.3794, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	EAC995
RGB	234, 201, 149
RGB Percent	92%, 79%, 58%
CMY	0.0823, 0.2118, 0.4158
CMYK	0.00, 0.14, 0.36, 0.08
HSL	37°, 67%, 75%
HSV	37°, 36%, 92%
XYZ	60.2447, 61.4356, 37.1091
YIQ	204.9390, 36.3600, -9.1760

Conversions

Conversions Part 2

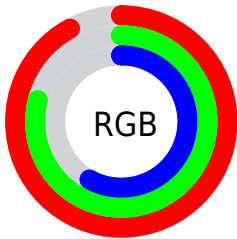
Format	Color
R _Y B	203, 234, 149
Decimal	15387029
CIE Lab	82.61, 4.45, 30.32
CIE LCh	83, 30.643, 81.656
Yxy	61.4356, 0.3794, 0.3869
Android (android.graphics.Color)	4293577109 (0xFFEAC995)
YUV	204.9390, -27.5779, 25.4865
Hunter-Lab	78.3809, 0.0312, 26.7960

Details

The Yxy color **61.4356, 0.3794, 0.3869** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7816, 0.2525, 0.2629**, and the grayscale version is **61.1723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **31.0964, 0.3955, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **56.6535, 0.4016, 0.4026**, and if you desaturate by 10%, it is **66.6241, 0.3587, 0.3706**.

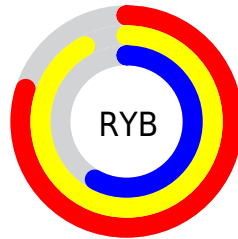
Distribution



Red (92%)

Green (79%)

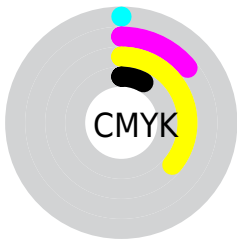
Blue (58%)



Red (80%)

Yellow (92%)

Blue (58%)

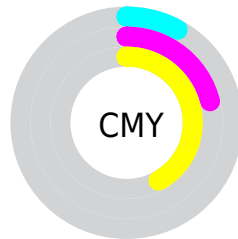


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (8%)



Cyan (8%)


Magenta (21%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4356, 0.3794, 0.3869 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 61.4356, 0.3794, 0.3869 by changing the saturation by 10% instead.

 61.4356, 0.3794,
0.3869

 61.4356, 0.3794,
0.3869


429.8694, 0.3478,
0.3600

 44.5768, 0.3867,
0.3930


 106.9094, 0.3683,
0.3776

 31.1242, 0.3957,
0.4004


 136.2932, 0.3641,
0.3740

 20.6935, 0.4071,
0.4095


170.6208, 0.3604,
0.3708

 12.9001, 0.4217,
0.4211

210.2765, 0.3572,
0.3681

 7.3598, 0.4410,
0.4357

255.6449, 0.3544,
0.3657

 3.6881, 0.4691,
0.4560

307.1102, 0.3519,

 1.5007, 0.5139,

0.3636

0.4861

365.0569, 0.3498,
0.3617

0.2892, 0.5700,
0.4300

0.0000, 0.0000,
0.0000

61.4356, 0.3794,
0.3869

61.4356, 0.3794,
0.3869

56.6535, 0.4016,
0.4026

66.6241, 0.3587,
0.3706

52.2559, 0.4246,
0.4167

72.2229, 0.3397,
0.3543

48.2312, 0.4476,
0.4281

78.2466, 0.3226,
0.3385

44.5635, 0.4694,
0.4355

84.7064, 0.3073,
0.3237

■ 41.2350, 0.4887,
0.4380

■ 90.8848, 0.2999,
0.3204

■ 38.2243, 0.5047,
0.4351

■ 96.2343, 0.2999,
0.3290

■ 37.1895, 0.5100,
0.4332

Harmonies

Analogous

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



61.4356, 0.3908, 0.3606



61.4356, 0.3794, 0.3869



61.4356, 0.3500, 0.3992

Triad

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



61.4356, 0.3794, 0.3869



61.4356, 0.2496, 0.3233



61.4356, 0.3099, 0.2764

Complementary

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



61.4356, 0.3794, 0.3869



45.7816, 0.2525, 0.2629

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.



61.4356, 0.2734, 0.2659



61.4356, 0.3794, 0.3869



61.4356, 0.2403, 0.2901

Square

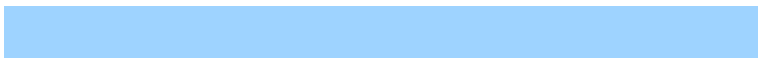
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.4356, 0.3794, 0.3869



61.4356, 0.2751, 0.3614



61.4356, 0.2487, 0.2701



61.4356, 0.3494, 0.2989

Rectangle

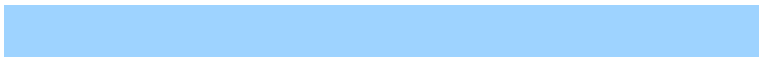
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4356, 0.3794, 0.3869



61.4356, 0.3248, 0.3959



61.4356, 0.2487, 0.2701



61.4356, 0.2969, 0.2714

Sweetspot

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



61.4385, 0.3794, 0.3869



91.5714, 0.3304, 0.3459



42.4027, 0.3651, 0.2908



19.3872, 0.3328, 0.3480



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.



61.4385, 0.3794, 0.3869



70.0463, 0.3967, 0.3994



77.1108, 0.3610, 0.4214



16.5881, 0.3278, 0.3434



21.1476, 0.5082, 0.4347



1.8464, 0.4926, 0.4471

Inverse Universe

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



45.7816, 0.2525, 0.2629



48.3100, 0.2388, 0.2455



34.6479, 0.2527, 0.2211



15.5079, 0.2980, 0.3142



7.7542, 0.1675, 0.1231



0.7907, 0.1752, 0.1506

Previews

White Background



This preview shows how the Yxy color 61.4356, 0.3794, 0.3869 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 61.4356, 0.3794, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

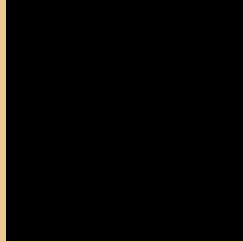
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4356, 0.3794, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 61.4356, 0.3794, 0.3869.



This preview shows how white text looks on a background with the Yxy color 61.4356, 0.3794, 0.3869.

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

61.4356, 0.3794, 0.3869

Protanopia

61.7491, 0.3652, 0.3923

Deuteranopia

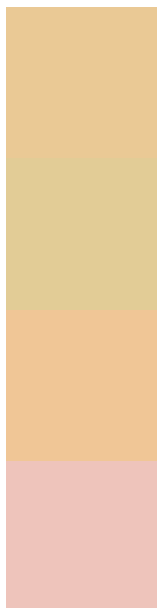
61.3676, 0.3886, 0.3799



Tritanopia

61.2193, 0.3394, 0.3130

Trichromacy



Original Color

61.4356, 0.3794, 0.3869

Protanomaly

61.5565, 0.3708, 0.3904

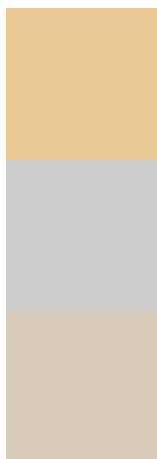
Deuteranomaly

61.1154, 0.3848, 0.3816

Tritanomaly

61.2449, 0.3541, 0.3390

Monochromacy



Original Color

61.4356, 0.3794, 0.3869

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2874, 0.3360, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4356, 0.3794, 0.3869 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, 201, 149)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 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(234, 201, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 149) }
```

Border

The CSS property to change the border of an element to Yxy 61.4356, 0.3794, 0.3869 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, 201, 149) }
```

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

```
.border{ border-color:rgb(234, 201, 149) }
```

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

Here you see how a box with a 4 pixel rgb(234, 201, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 149);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4356, 0.3794, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 149) }
```

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

```
.background{ background-color: rgb(234,  
201, 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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