

Converting Colors

$Yxy(61.5001, 0.3778, 0.3847)$

Have a look what the booklet for
Yxy(61.5001, 0.3778, 0.3847)
contains.

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Color

Yxy(61.5001, 0.3778, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	EAC997
RGB	234, 201, 151
RGB Percent	92%, 79%, 59%
CMY	0.0825, 0.2117, 0.4078
CMYK	0.00, 0.14, 0.35, 0.08
HSL	36°, 66%, 75%
HSV	36°, 35%, 92%
XYZ	60.3970, 61.5001, 37.9680
YIQ	205.1670, 35.7180, -8.5540

Conversions

Conversions Part 2

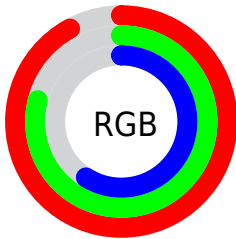
Format	Color
R _Y B	206, 234, 151
Decimal	15387031
CIE Lab	82.65, 4.66, 29.31
CIE LCh	83, 29.677, 80.966
Yxy	61.5001, 0.3778, 0.3847
Android (android.graphics.Color)	4293577111 (0xFFEAC997)
YUV	205.1670, -26.7043, 25.2865
Hunter-Lab	78.4220, 0.2340, 26.1902

Details

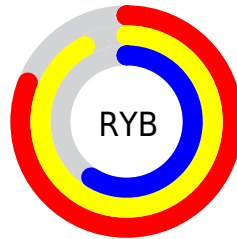
The Yxy color $61.5001, 0.3778, 0.3847$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $46.7829, 0.2542, 0.2658$, and the grayscale version is $61.3185, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2362, 0.3418, 0.3770$, and $31.1346, 0.3935, 0.3969$ is the 20% darker color. If you saturate the color by 10%, you get $56.6135, 0.4001, 0.4003$, and if you desaturate by 10%, it is $66.8054, 0.3571, 0.3686$.

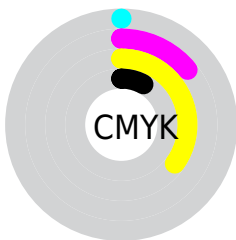
Distribution



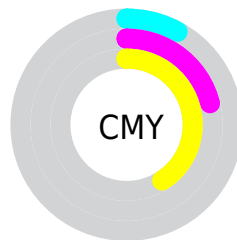
- Red (92%)
- Green (79%)
- Blue (59%)



- Red (81%)
- Yellow (92%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5001, 0.3778, 0.3847 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 61.5001, 0.3778, 0.3847 by changing the saturation by 10% instead.


 61.5001, 0.3778,
0.3847


 61.5001, 0.3778,
0.3847

430.1053, 0.3469,
0.3588

 44.6289, 0.3849,
0.3905


 107.0027, 0.3670,
0.3757

 31.1652, 0.3938,
0.3977


 136.4029, 0.3628,
0.3723

 20.7247, 0.4049,
0.4065


170.7482, 0.3592,
0.3692

 12.9229, 0.4194,
0.4177

210.4230, 0.3561,
0.3666

 7.3755, 0.4385,
0.4320

255.8117, 0.3534,
0.3643

 3.6980, 0.4658,
0.4511

307.2988, 0.3510,

 1.5061, 0.5151,

0.3623

0.4849

365.2685, 0.3488,
0.3604

0.2930, 0.5724,
0.4276

0.0000, 0.0000,
0.0000

61.5001, 0.3778,
0.3847

61.5001, 0.3778,
0.3847

56.6135, 0.4001,
0.4003

66.8054, 0.3571,
0.3686

52.1235, 0.4233,
0.4144

72.5336, 0.3382,
0.3525

48.0184, 0.4467,
0.4259

78.6995, 0.3212,
0.3371

44.2820, 0.4691,
0.4335

85.3145, 0.3061,
0.3225

■ 40.8963, 0.4892,
0.4362

■ 91.5243, 0.2999,
0.3215

■ 37.8402, 0.5059,
0.4336

■ 96.2272, 0.2999,
0.3290

■ 36.5479, 0.5126,
0.4312

Harmonies

Analogous

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



61.5001, 0.3883, 0.3591



61.5001, 0.3778, 0.3847



61.5001, 0.3497, 0.3969

Triad

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



61.5001, 0.3778, 0.3847



61.5001, 0.2519, 0.3244



61.5001, 0.3091, 0.2776

Complementary

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



61.5001, 0.3778, 0.3847



46.7829, 0.2542, 0.2658

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.



61.5001, 0.2740, 0.2677



61.5001, 0.3778, 0.3847



61.5001, 0.2425, 0.2920

Square

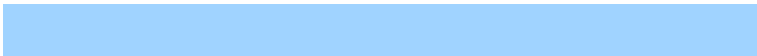
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5001, 0.3778, 0.3847



61.5001, 0.2771, 0.3612



61.5001, 0.2503, 0.2722



61.5001, 0.3474, 0.2993

Rectangle

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



61.5001, 0.3778, 0.3847



61.5001, 0.3253, 0.3939



61.5001, 0.2503, 0.2722



61.5001, 0.2966, 0.2728

Sweetspot

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



61.5030, 0.3778, 0.3847



91.4196, 0.3305, 0.3456



43.0915, 0.3633, 0.2918



19.3510, 0.3328, 0.3477



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.



61.5030, 0.3778, 0.3847



70.1263, 0.3949, 0.3969



77.1785, 0.3599, 0.4192



16.5647, 0.3278, 0.3432



20.7965, 0.5108, 0.4326



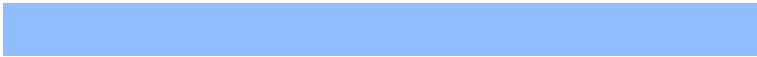
1.8201, 0.4947, 0.4454

Inverse Universe

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



46.7829, 0.2542, 0.2658



49.6249, 0.2407, 0.2491



35.4763, 0.2544, 0.2241



15.5307, 0.2980, 0.3144



7.9617, 0.1683, 0.1257



0.8084, 0.1759, 0.1531

Previews

White Background



This preview shows how the Yxy color 61.5001, 0.3778, 0.3847 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 61.5001, 0.3778, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

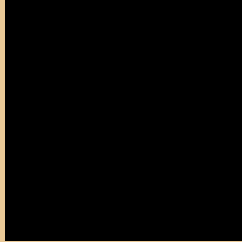
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5001, 0.3778, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 61.5001, 0.3778, 0.3847.



This preview shows how white text looks on a background with the Yxy color 61.5001, 0.3778, 0.3847.

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

61.5001, 0.3778, 0.3847

Protanopia

61.8147, 0.3637, 0.3900

Deuteranopia

61.2542, 0.3862, 0.3779



Tritanopia

61.2193, 0.3394, 0.3130

Trichromacy



Original Color

61.5001, 0.3778, 0.3847

Protanomaly

61.6215, 0.3693, 0.3882

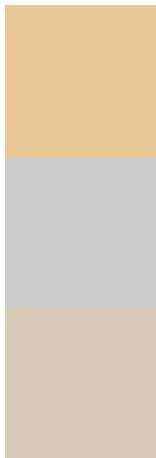
Deuteranomaly

61.1804, 0.3833, 0.3794

Tritanomaly

61.2449, 0.3541, 0.3390

Monochromacy



Original Color

61.5001, 0.3778, 0.3847

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 61.5001, 0.3778, 0.3847 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 151) }
```

Border

The CSS property to change the border of an element to Yxy 61.5001, 0.3778, 0.3847 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, 151) }
```

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

```
.border{ border-color:rgb(234, 201, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5001, 0.3778, 0.3847 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, 151) }
```

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

```
.background{ background-color: rgb(234,  
201, 151) }
```

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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