

Converting Colors

$Yxy(61.8352, 0.3910, 0.4012)$

Have a look what the booklet for
Yxy(61.8352, 0.3910, 0.4012)
contains.

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Color

Yxy(61.8515, 0.3905, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	ECCA88
RGB	236, 202, 136
RGB Percent	93%, 79%, 53%
CMY	0.0745, 0.2078, 0.4668
CMYK	0.00, 0.14, 0.42, 0.07
HSL	40°, 72%, 73%
HSV	40°, 42%, 93%
XYZ	60.1569, 61.8515, 32.0426
YIQ	204.6420, 41.4500, -13.3180

Conversions

Conversions Part 2

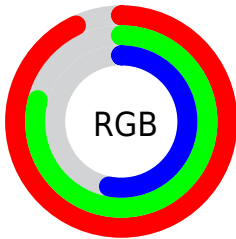
Format	Color
R _Y B	188, 236, 136
Decimal	15518344
CIE Lab	82.83, 3.28, 37.37
CIE LCh	83, 37.517, 84.982
Yxy	61.8515, 0.3905, 0.4015
Android (android.graphics.Color)	4293708424 (0xFFECCA88)
YUV	204.6420, -33.8405, 27.5010
Hunter-Lab	78.6457, -1.0935, 30.8955

Details

The Yxy color **61.8515, 0.3905, 0.4015** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.0226, 0.2408, 0.2430**, and the grayscale version is **61.0103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **31.3007, 0.4083, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **57.5886, 0.4119, 0.4174**, and if you desaturate by 10%, it is **66.4636, 0.3698, 0.3843**.

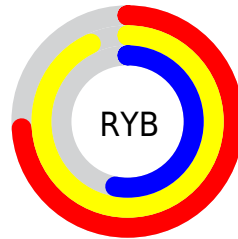
Distribution



Red (93%)

Green (79%)

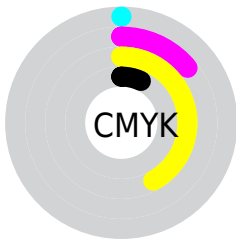
Blue (53%)



Red (74%)

Yellow (93%)

Blue (53%)

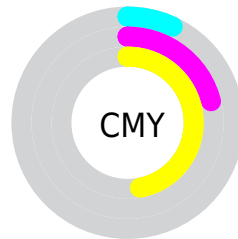


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (7%)



Cyan (7%)


Magenta (21%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8515, 0.3905, 0.4015 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 61.8515, 0.3905, 0.4015 by changing the saturation by 10% instead.

 61.8515, 0.3905,
0.4015

 61.8515, 0.3905,
0.4015


431.3892, 0.3540,
0.3680

 44.9127, 0.3987,
0.4089

 107.5109, 0.3779,
0.3900

 31.3887, 0.4088,
0.4178


 137.0003, 0.3730,
0.3855

 20.8950, 0.4212,
0.4287


 171.4420, 0.3687,
0.3816

 13.0473, 0.4367,
0.4421

211.2204, 0.3650,
0.3782

 7.4611, 0.4561,
0.4581

256.7199, 0.3618,
0.3752

 3.7521, 0.4927,
0.4891

308.3250, 0.3589,

 1.5359, 0.5068,

0.3725

0.4932

366.4200, 0.3563,
0.3701

0.3138, 0.5466,
0.4534

0.0000, 0.0000,
0.0000

61.8515, 0.3905,
0.4015

61.8515, 0.3905,
0.4015

57.5886, 0.4119,
0.4174

66.4636, 0.3698,
0.3843

53.6535, 0.4332,
0.4309

71.4280, 0.3504,
0.3668

50.0351, 0.4535,
0.4410

76.7586, 0.3326,
0.3495

46.7176, 0.4717,
0.4464

82.4659, 0.3164,
0.3328

43.6826, 0.4869,
0.4467

88.5596, 0.3018,
0.3172

41.5435, 0.4965,
0.4440

93.5098, 0.3012,
0.3242

96.5750, 0.3011,
0.3290

Harmonies

Analogous

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



61.8515, 0.4079, 0.3701



61.8515, 0.3905, 0.4015



61.8515, 0.3525, 0.4155

Triad

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



61.8515, 0.3905, 0.4015



61.8515, 0.2342, 0.3162



61.8515, 0.3143, 0.2683

Complementary

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



61.8515, 0.3905, 0.4015



40.0226, 0.2408, 0.2430

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.



61.8515, 0.2692, 0.2538



61.8515, 0.3905, 0.4015



61.8515, 0.2257, 0.2775

Square

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



61.8515, 0.3905, 0.4015



61.8515, 0.2625, 0.3638



61.8515, 0.2380, 0.2562



61.8515, 0.3623, 0.2962

Rectangle

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



61.8515, 0.3905, 0.4015



61.8515, 0.3213, 0.4100



61.8515, 0.2380, 0.2562



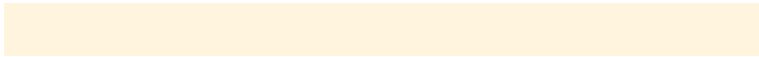
61.8515, 0.2982, 0.2618

Sweetspot

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



61.8544, 0.3905, 0.4015



91.0666, 0.3337, 0.3506



38.3697, 0.3834, 0.2899



19.1837, 0.3375, 0.3544



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.



61.8544, 0.3905, 0.4015



69.2277, 0.4093, 0.4156



77.1471, 0.3647, 0.4379



16.7147, 0.3276, 0.3445



23.1462, 0.4949, 0.4453



1.9946, 0.4817, 0.4557

Inverse Universe

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



40.0226, 0.2408, 0.2430



40.0087, 0.2251, 0.2212



30.2280, 0.2443, 0.2013



15.3858, 0.2980, 0.3130



6.7332, 0.1639, 0.1099



0.7013, 0.1715, 0.1375

Previews

White Background



This preview shows how the Yxy color 61.8515, 0.3905, 0.4015 looks on a white background.

Color Contrast Check

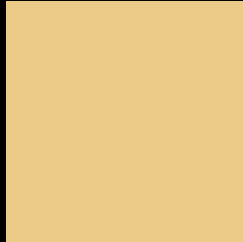
Large Text (above 18pt) WCAG AA × Fail

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 61.8515, 0.3905, 0.4015 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 61.8515, 0.3905, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 61.8515, 0.3905, 0.4015.



This preview shows how white text looks on a background with the Yxy color 61.8515, 0.3905, 0.4015.

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

61.8515, 0.3905, 0.4015

Protanopia

61.8249, 0.3772, 0.4063

Deuteranopia

61.6951, 0.4022, 0.3926



Tritanopia

61.7487, 0.3419, 0.3131

Trichromacy



Original Color

61.8515, 0.3905, 0.4015

Protanomaly

61.9628, 0.3817, 0.4054

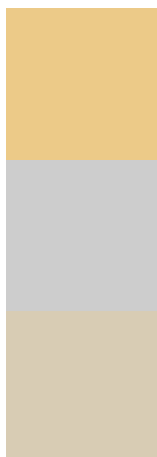
Deuteranomaly

61.8861, 0.3978, 0.3955

Tritanomaly

61.3825, 0.3598, 0.3444

Monochromacy



Original Color

61.8515, 0.3905, 0.4015

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0799, 0.3398, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8515, 0.3905, 0.4015 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(236, 202, 136)` looks like.

```
.text, #text, p{  
    color:rgb(236, 202, 136)  
}
```

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(236, 202, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 202, 136) }
```

Border

The CSS property to change the border of an element to Yxy 61.8515, 0.3905, 0.4015 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(236, 202, 136) }
```

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

```
.border{ border-color:rgb(236, 202, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 202, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 202, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 202, 136);  
box-shadow:4px 4px 4px 4px rgb(236, 202,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8515, 0.3905, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 202, 136) }
```

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

```
.background{ background-color: rgb(236,  
202, 136) }
```

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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