

Converting Colors

$Yxy(63.1079, 0.3814, 0.3866)$

Have a look what the booklet for
Yxy(63.1079, 0.3814, 0.3866)
contains.

Yxy(63.0910, 0.3812, 0.3871)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.0910, 0.3812, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	EECB96
RGB	238, 203, 150
RGB Percent	93%, 80%, 59%
CMY	0.0665, 0.2039, 0.4117
CMYK	0.00, 0.15, 0.37, 0.07
HSL	36°, 72%, 76%
HSV	36°, 37%, 93%
XYZ	62.1294, 63.0910, 37.7633
YIQ	207.4230, 37.8730, -9.0630

Conversions

Conversions Part 2

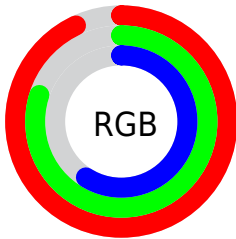
Format	Color
R _Y B	208, 238, 150
Decimal	15649686
CIE Lab	83.49, 5.10, 31.02
CIE LCh	83, 31.432, 80.670
Yxy	63.0910, 0.3812, 0.3871
Android (android.graphics.Color)	4293839766 (0xFFEECB96)
YUV	207.4230, -28.3095, 26.8160
Hunter-Lab	79.4298, 0.6191, 27.4126

Details

The Yxy color **63.0910, 0.3812, 0.3871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3804, 0.2515, 0.2626**, and the grayscale version is **62.8559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **32.2195, 0.3977, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **58.0638, 0.4037, 0.4025**, and if you desaturate by 10%, it is **68.5534, 0.3602, 0.3710**.

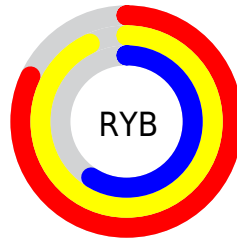
Distribution



Red (93%)

Green (80%)

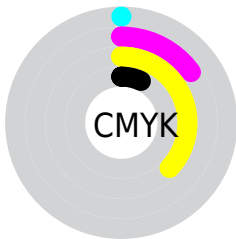
Blue (59%)



Red (82%)

Yellow (93%)

Blue (59%)

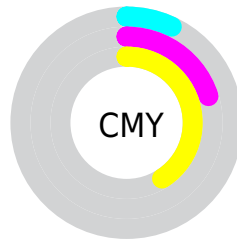


Cyan (0%)

Magenta (15%)

Yellow (37%)

Black (7%)



Cyan (7%)


Magenta (20%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0910, 0.3812, 0.3871 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 63.0910, 0.3812, 0.3871 by changing the saturation by 10% instead.


 63.0910, 0.3812,
0.3871


 63.0910, 0.3812,
0.3871


435.8997, 0.3489,
0.3603

 45.9148, 0.3886,
0.3931


 109.3008, 0.3699,
0.3779

 32.1786, 0.3978,
0.4004


 139.1032, 0.3656,
0.3743

 21.4980, 0.4092,
0.4093


173.8831, 0.3618,
0.3711

 13.4885, 0.4240,
0.4205


214.0250, 0.3585,
0.3684

 7.7658, 0.4434,
0.4346

259.9132, 0.3557,
0.3660

 3.9454, 0.4706,
0.4532

311.9321, 0.3531,

 1.6431, 0.5168,

0.3639

0.4832

370.4661, 0.3509,
0.3620

0.3864, 0.5599,
0.4401

0.0000, 0.0000,
0.0000

63.0910, 0.3812,
0.3871

63.0910, 0.3812,
0.3871

58.0638, 0.4037,
0.4025

68.5534, 0.3602,
0.3710

53.4487, 0.4271,
0.4163

74.4555, 0.3410,
0.3549

49.2330, 0.4505,
0.4272

80.8130, 0.3237,
0.3394

45.3998, 0.4726,
0.4341

87.6380, 0.3082,
0.3246

■ 41.9297, 0.4923,
0.4360

■ 94.0047, 0.3024,
0.3244

■ 38.7994, 0.5085,
0.4325

■ 96.9225, 0.3024,
0.3290

■ 37.9102, 0.5130,
0.4309

Harmonies

Analogous

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



63.0910, 0.3921, 0.3600



63.0910, 0.3812, 0.3871



63.0910, 0.3517, 0.4003

Triad

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



63.0910, 0.3812, 0.3871



63.0910, 0.2492, 0.3245



63.0910, 0.3085, 0.2751

Complementary

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



63.0910, 0.3812, 0.3871



47.3804, 0.2515, 0.2626

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.



63.0910, 0.2717, 0.2648



63.0910, 0.3812, 0.3871



63.0910, 0.2392, 0.2903

Square

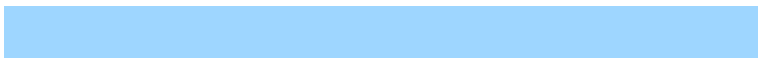
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0910, 0.3812, 0.3871



63.0910, 0.2756, 0.3632



63.0910, 0.2472, 0.2696



63.0910, 0.3487, 0.2976

Rectangle

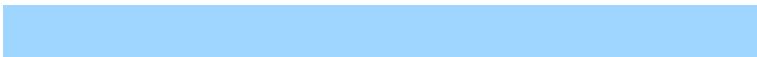
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0910, 0.3812, 0.3871



63.0910, 0.3262, 0.3975



63.0910, 0.2472, 0.2696



63.0910, 0.2953, 0.2701

Sweetspot

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



63.0939, 0.3812, 0.3871



91.4047, 0.3305, 0.3456



43.5124, 0.3664, 0.2901



19.3475, 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.



63.0939, 0.3812, 0.3871



69.4961, 0.3973, 0.3983



80.0652, 0.3618, 0.4231



17.3417, 0.3278, 0.3432



21.4038, 0.5111, 0.4324



1.9745, 0.4958, 0.4446

Inverse Universe

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



47.3804, 0.2515, 0.2626



48.7799, 0.2390, 0.2470



35.3449, 0.2514, 0.2188



16.2613, 0.2980, 0.3144



8.2205, 0.1683, 0.1258



0.8731, 0.1755, 0.1518

Previews

White Background



This preview shows how the Yxy color 63.0910, 0.3812, 0.3871 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 63.0910, 0.3812, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

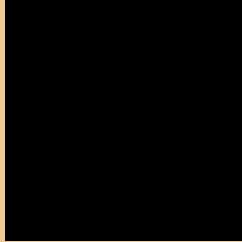
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0910, 0.3812, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 63.0910, 0.3812, 0.3871.



This preview shows how white text looks on a background with the Yxy color 63.0910, 0.3812, 0.3871.

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

63.0910, 0.3812, 0.3871

Protanopia

63.2260, 0.3663, 0.3927

Deuteranopia

62.8554, 0.3895, 0.3804



Tritanopia

62.9165, 0.3408, 0.3132

Trichromacy



Original Color

63.0910, 0.3812, 0.3871

Protanomaly

63.0350, 0.3718, 0.3908

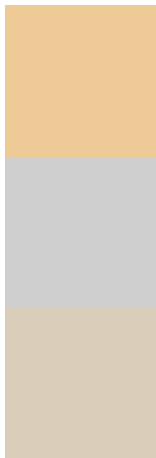
Deuteranomaly

62.7760, 0.3866, 0.3819

Tritanomaly

62.8963, 0.3561, 0.3399

Monochromacy



Original Color

63.0910, 0.3812, 0.3871

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5932, 0.3366, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0910, 0.3812, 0.3871 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(238, 203, 150)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 150)  
}
```

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(238, 203, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 150) }
```

Border

The CSS property to change the border of an element to Yxy 63.0910, 0.3812, 0.3871 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(238, 203, 150) }
```

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

```
.border{ border-color:rgb(238, 203, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 203, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 150);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0910, 0.3812, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 150) }
```

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

```
.background{ background-color: rgb(238,  
203, 150) }
```

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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