

Converting Colors

Yxy(63.2171, 0.3873, 0.4219)

Have a look what the booklet for
Yxy(63.2171, 0.3873, 0.4219)
contains.

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Color

Yxy(63.4125, 0.3874, 0.4223)

Conversions

Conversions Part 1

Format	Color
Hex	E3D17D
RGB	227, 209, 125
RGB Percent	89%, 82%, 49%
CMY	0.1100, 0.1803, 0.5098
CMYK	0.00, 0.08, 0.45, 0.11
HSL	49°, 65%, 69%
HSV	49°, 45%, 89%
XYZ	58.1719, 63.4125, 28.5754
YIQ	204.8060, 37.6920, -22.3080

Conversions

Conversions Part 2

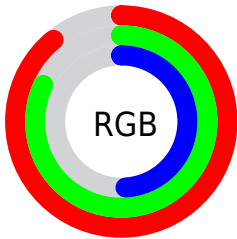
Format	Color
RYB	147, 227, 125
Decimal	14930301
CIELab	83.66, -5.05, 43.78
CIElCh	84, 44.067, 96.577
Yxy	63.4125, 0.3874, 0.4223
Android (android.graphics.Color)	4293120381 (0xFFE3D17D)
YUV	204.8060, -39.3444, 19.4641
Hunter-Lab	79.6320, -8.9600, 34.4665

Details

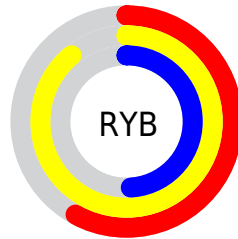
The Yxy color **63.4125, 0.3874, 0.4223** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.5325, 0.2323, 0.2135**, and the grayscale version is **61.1565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **32.4831, 0.4034, 0.4437** is the 20% darker color. If you saturate the color by 10%, you get **60.9643, 0.4042, 0.4406**, and if you desaturate by 10%, it is **66.0482, 0.3700, 0.4021**.

Distribution



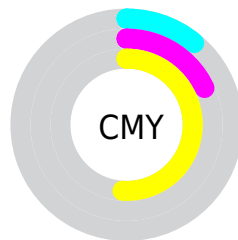
- Red (89%)
- Green (82%)
- Blue (49%)



- Red (58%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4125, 0.3874, 0.4223 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 63.4125, 0.3874, 0.4223 by changing the saturation by 10% instead.


 63.4125, 0.3874,
0.4223

 63.4125, 0.3874,
0.4223


437.0650, 0.3533,
0.3787


 46.1750, 0.3947,
0.4320


 109.7644, 0.3759,
0.4073

 32.3839, 0.4035,
0.4438


 139.6476, 0.3713,
0.4014

 21.6549, 0.4138,
0.4581


 174.5148, 0.3673,
0.3963

 13.6036, 0.4261,
0.4758

214.7504, 0.3638,
0.3919

 7.8455, 0.4398,
0.4970

260.7389, 0.3607,
0.3880

 3.9962, 0.4649,
0.5351

312.8645, 0.3580,

 1.6714, 0.4572,

0.3846

0.5428

371.5118, 0.3555,
0.3815

0.4051, 0.3926,
0.6074

0.0000, 0.0000,
0.0000

63.4125, 0.3874,
0.4223

63.4125, 0.3874,
0.4223

60.9643, 0.4042,
0.4406

66.0482, 0.3700,
0.4021

58.6854, 0.4196,
0.4561


68.8713, 0.3527,
0.3809


56.5679, 0.4330,
0.4676


71.8927, 0.3360,
0.3597


54.5996, 0.4437,
0.4747

75.1197, 0.3201,
0.3389


 52.7655, 0.4516,
0.4771


 78.5593, 0.3054,
0.3191

 51.8737, 0.4548,
0.4771

 81.8138, 0.2954,
0.3065

 84.1008, 0.2955,
0.3107

 86.4394, 0.2956,
0.3148

 88.8299, 0.2956,
0.3188

Harmonies

Analogous

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



63.4125, 0.4188, 0.3909



63.4125, 0.3874, 0.4223



63.4125, 0.3373, 0.4289

Triad

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



63.4125, 0.3874, 0.4223



63.4125, 0.2158, 0.2939



63.4125, 0.3363, 0.2701

Complementary

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



63.4125, 0.3874, 0.4223



29.5325, 0.2323, 0.2135

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.



63.4125, 0.2807, 0.2472



63.4125, 0.3874, 0.4223



63.4125, 0.2156, 0.2570

Square

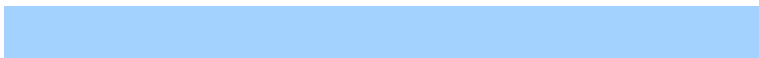
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.4125, 0.3874, 0.4223



63.4125, 0.2394, 0.3477



63.4125, 0.2380, 0.2418



63.4125, 0.3892, 0.3061

Rectangle

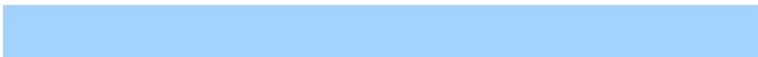
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4125, 0.3874, 0.4223



63.4125, 0.3007, 0.4139



63.4125, 0.2380, 0.2418



63.4125, 0.3171, 0.2608

Sweetspot

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



63.4154, 0.3874, 0.4223



94.3799, 0.3330, 0.3558



32.9966, 0.4101, 0.3075



20.0069, 0.3366, 0.3605



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.



63.4154, 0.3874, 0.4223



79.5724, 0.4032, 0.4397



67.9572, 0.3543, 0.4493



16.3629, 0.3272, 0.3482



30.4183, 0.4541, 0.4776



2.3615, 0.4482, 0.4824

Inverse Universe

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



29.5325, 0.2323, 0.2135



30.2303, 0.2138, 0.1845



27.4087, 0.2536, 0.1977



14.2952, 0.2980, 0.3090



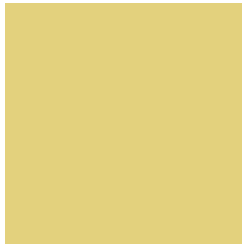
4.2362, 0.1545, 0.0762



0.4339, 0.1613, 0.1007

Previews

White Background



This preview shows how the Yxy color 63.4125, 0.3874, 0.4223 looks on a white background.

Color Contrast Check

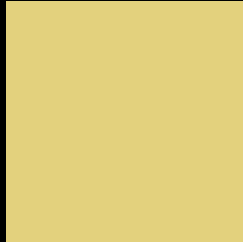
Large Text (above 18pt) WCAG AA × Fail

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 63.4125, 0.3874, 0.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

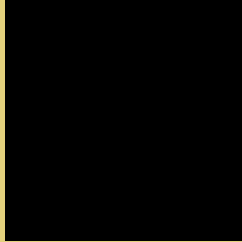
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4125, 0.3874, 0.4223

Background



This preview shows how black text looks on a background with the Yxy color 63.4125, 0.3874, 0.4223.



This preview shows how white text looks on a background with the Yxy color 63.4125, 0.3874, 0.4223.

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

63.4125, 0.3874, 0.4223

Protanopia

63.5756, 0.3883, 0.4220

Deuteranopia

63.2618, 0.4128, 0.4032



Tritanopia

63.0761, 0.3309, 0.3118

Trichromacy



Original Color

63.4125, 0.3874, 0.4223

Protanomaly

63.5756, 0.3883, 0.4220

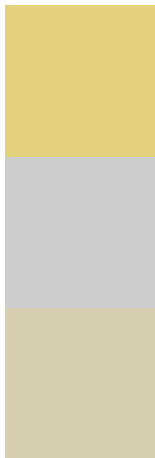
Deuteranomaly

63.4513, 0.4039, 0.4105

Tritanomaly

62.9421, 0.3525, 0.3513

Monochromacy



Original Color

63.4125, 0.3874, 0.4223

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4233, 0.3400, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4125, 0.3874, 0.4223 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, 209, 125)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 125)  
}
```

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, 209, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 125) }
```

Border

The CSS property to change the border of an element to Yxy 63.4125, 0.3874, 0.4223 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, 209, 125) }
```

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

```
.border{ border-color:rgb(227, 209, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 209, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 209, 125); box-shadow:4px 4px 4px 4px rgb(227, 209, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4125, 0.3874, 0.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 125) }
```

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

```
.background{ background-color: rgb(227,  
209, 125) }
```

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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