

Converting Colors

$Yxy(63.0424, 0.3751, 0.4048)$

Have a look what the booklet for
Yxy(63.0424, 0.3751, 0.4048)
contains.

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Color

Yxy(63.0424, 0.3751, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	E1D08D
RGB	225, 208, 141
RGB Percent	88%, 82%, 55%
CMY	0.1176, 0.1843, 0.4472
CMYK	0.00, 0.08, 0.37, 0.12
HSL	48°, 58%, 72%
HSV	48°, 37%, 88%
XYZ	58.4170, 63.0424, 34.2777
YIQ	205.4450, 31.6390, -17.2330

Conversions

Conversions Part 2

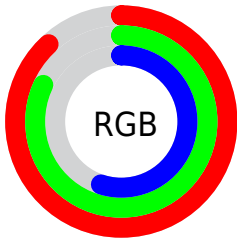
Format	Color
RYB	162, 225, 141
Decimal	14798989
CIELab	83.46, -3.61, 35.44
CIELCh	83, 35.620, 95.825
Yxy	63.0424, 0.3751, 0.4048
Android (android.graphics.Color)	4292989069 (0xFFE1D08D)
YUV	205.4450, -31.7714, 17.1497
Hunter-Lab	79.3992, -7.6195, 29.9832

Details

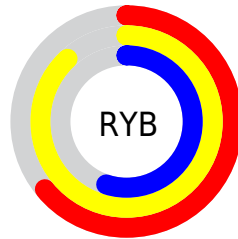
The Yxy color **63.0424, 0.3751, 0.4048** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5471, 0.2478, 0.2394**, and the grayscale version is **61.5412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **32.1742, 0.3886, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **60.2527, 0.3929, 0.4242**, and if you desaturate by 10%, it is **66.0378, 0.3573, 0.3844**.

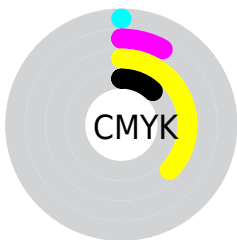
Distribution



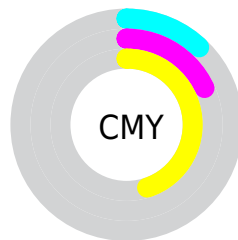
- Red (88%)
- Green (82%)
- Blue (55%)



- Red (64%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (12%)





- Cyan (12%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0424, 0.3751, 0.4048 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 63.0424, 0.3751, 0.4048 by changing the saturation by 10% instead.


 63.0424, 0.3751,
0.4048


 63.0424, 0.3751,
0.4048

435.7233, 0.3462,
0.3691


 45.8755, 0.3816,
0.4130


 109.2307, 0.3651,
0.3924

 32.1476, 0.3894,
0.4229


 139.0209, 0.3612,
0.3875

 21.4743, 0.3991,
0.4354


 173.7876, 0.3579,
0.3834

 13.4711, 0.4110,
0.4513

213.9153, 0.3549,
0.3798

 7.7537, 0.4258,
0.4716

259.7883, 0.3523,
0.3766

 3.9378, 0.4500,
0.5050

311.7910, 0.3500,

 1.6388, 0.4657,

0.3738

0.5343

370.3079, 0.3480,
0.3713

■ 0.3836, 0.4187,
0.5813

■ 0.0000, 0.0000,
0.0000

■ 63.0424, 0.3751,
0.4048

■ 63.0424, 0.3751,
0.4048

■ 60.2527, 0.3929,
0.4242

■ 66.0378, 0.3573,
0.3844

■ 57.6511, 0.4102,
0.4415

■ 69.2383, 0.3401,
0.3637

■ 55.2308, 0.4261,
0.4557

■ 72.6543, 0.3239,
0.3434

■ 52.9809, 0.4399,
0.4659

■ 76.2930, 0.3088,
0.3240

■ 50.8886, 0.4509,
0.4714

■ 80.1609, 0.2950,
0.3056

■ 48.9370, 0.4590,
0.4724

■ 82.8384, 0.2942,
0.3089

■ 48.4361, 0.4609,
0.4723

■ 85.4854, 0.2943,
0.3136

■ 88.1997, 0.2944,
0.3183

■ 90.9818, 0.2945,
0.3229

Harmonies

Analogous

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



63.0424, 0.3995, 0.3801



63.0424, 0.3751, 0.4048



63.0424, 0.3348, 0.4091

Triad

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



63.0424, 0.3751, 0.4048



63.0424, 0.2331, 0.3024



63.0424, 0.3311, 0.2798

Complementary

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



63.0424, 0.3751, 0.4048



35.5471, 0.2478, 0.2394

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.



63.0424, 0.2860, 0.2609



63.0424, 0.3751, 0.4048



63.0424, 0.2322, 0.2711

Square

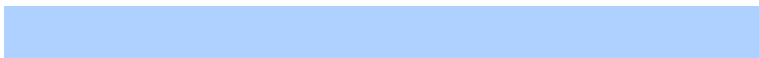
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0424, 0.3751, 0.4048



63.0424, 0.2536, 0.3457



63.0424, 0.2507, 0.2572



63.0424, 0.3737, 0.3098

Rectangle

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



63.0424, 0.3751, 0.4048



63.0424, 0.3048, 0.3971



63.0424, 0.2507, 0.2572



63.0424, 0.3156, 0.2720

Sweetspot

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



63.0453, 0.3751, 0.4048



94.7535, 0.3298, 0.3509



37.5617, 0.3838, 0.3077



20.1481, 0.3320, 0.3536



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.



63.0453, 0.3751, 0.4048



80.7443, 0.3893, 0.4204



68.2273, 0.3503, 0.4277



15.5335, 0.3272, 0.3476



28.0770, 0.4601, 0.4729



2.0670, 0.4526, 0.4788

Inverse Universe

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



35.5471, 0.2478, 0.2394



39.1826, 0.2323, 0.2162



32.4555, 0.2634, 0.2215



13.6905, 0.2981, 0.3097



4.3715, 0.1557, 0.0806



0.4301, 0.1634, 0.1082

Previews

White Background



This preview shows how the Yxy color 63.0424, 0.3751, 0.4048 looks on a white background.

Color Contrast Check

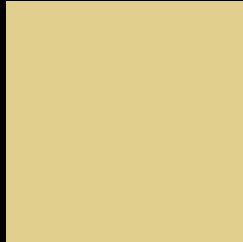
Large Text (above 18pt) WCAG AA × Fail

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 63.0424, 0.3751, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

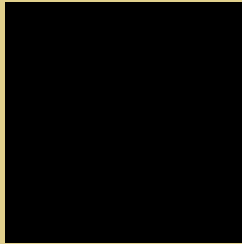
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0424, 0.3751, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 63.0424, 0.3751, 0.4048.

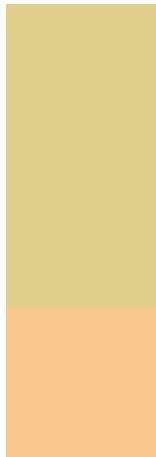


This preview shows how white text looks on a background with the Yxy color 63.0424, 0.3751, 0.4048.

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

63.0424, 0.3751, 0.4048

Protanopia

63.0424, 0.3751, 0.4048

Deuteranopia

62.7865, 0.3966, 0.3885



Tritanopia

63.0255, 0.3284, 0.3128

Trichromacy



Original Color

63.0424, 0.3751, 0.4048

Protanomaly

63.0424, 0.3751, 0.4048

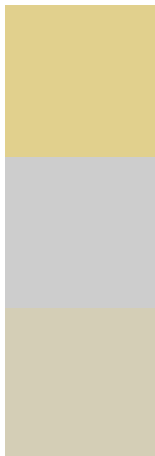
Deuteranomaly

62.7193, 0.3893, 0.3942

Tritanomaly

62.6519, 0.3462, 0.3458

Monochromacy



Original Color

63.0424, 0.3751, 0.4048

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5171, 0.3347, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0424, 0.3751, 0.4048 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(225, 208, 141)` looks like.

```
.text, #text, p{  
    color:rgb(225, 208, 141)  
}
```

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(225, 208, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 208, 141) }
```

Border

The CSS property to change the border of an element to Yxy 63.0424, 0.3751, 0.4048 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(225, 208, 141) }
```

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

```
.border{ border-color:rgb(225, 208, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 208, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 208, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 208, 141); box-shadow:4px 4px 4px 4px rgb(225, 208, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0424, 0.3751, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 208, 141) }
```

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

```
.background{ background-color: rgb(225,  
208, 141) }
```

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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