

Converting Colors

$Yxy(63.1749, 0.3759, 0.4048)$

Have a look what the booklet for
Yxy(63.1749, 0.3759, 0.4048)
contains.

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Color

Yxy(63.2036, 0.3759, 0.4045)

Conversions

Conversions Part 1

Format	Color
Hex	E2D08D
RGB	226, 208, 141
RGB Percent	89%, 82%, 55%
CMY	0.1136, 0.1843, 0.4470
CMYK	0.00, 0.08, 0.38, 0.11
HSL	47°, 59%, 72%
HSV	47°, 38%, 89%
XYZ	58.7348, 63.2036, 34.3128
YIQ	205.7440, 32.2350, -17.0210

Conversions

Conversions Part 2

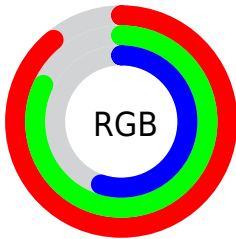
Format	Color
RYB	164, 226, 141
Decimal	14864525
CIELab	83.55, -3.21, 35.54
CIELCh	84, 35.680, 95.162
Yxy	63.2036, 0.3759, 0.4045
Android (android.graphics.Color)	4293054605 (0xFFE2D08D)
YUV	205.7440, -31.9188, 17.7645
Hunter-Lab	79.5007, -7.2511, 30.0607

Details

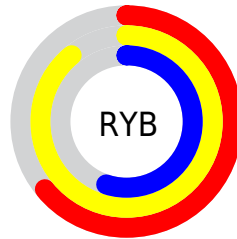
The Yxy color **63.2036, 0.3759, 0.4045** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9726, 0.2474, 0.2397**, and the grayscale version is **61.7463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **32.2844, 0.3897, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **60.2983, 0.3940, 0.4237**, and if you desaturate by 10%, it is **66.3227, 0.3580, 0.3843**.

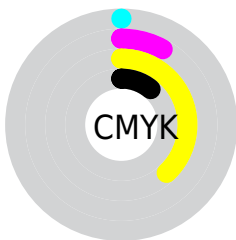
Distribution



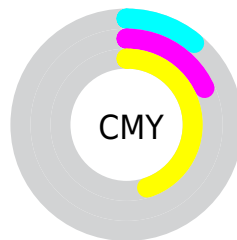
- Red (89%)
- Green (82%)
- Blue (55%)



- Red (64%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2036, 0.3759, 0.4045 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 63.2036, 0.3759, 0.4045 by changing the saturation by 10% instead.


 63.2036, 0.3759,
0.4045


 63.2036, 0.3759,
0.4045


436.3080, 0.3466,
0.3690


 46.0059, 0.3824,
0.4126


 109.4632, 0.3658,
0.3922

 32.2505, 0.3904,
0.4225


 139.2939, 0.3619,
0.3874

 21.5529, 0.4002,
0.4349


 174.1044, 0.3584,
0.3832

 13.5288, 0.4123,
0.4505

214.2792, 0.3555,
0.3796

 7.7937, 0.4274,
0.4706

260.2025, 0.3528,
0.3765

 3.9632, 0.4518,
0.5032

312.2588, 0.3505,

 1.6530, 0.4682,

0.3737

0.5318

370.8325, 0.3484,
0.3712

■ 0.3929, 0.4289,
0.5711

■ 0.0000, 0.0000,
0.0000

■ 63.2036, 0.3759,
0.4045

■ 63.2036, 0.3759,
0.4045

■ 60.2983, 0.3940,
0.4237

■ 66.3227, 0.3580,
0.3843

■ 57.5890, 0.4115,
0.4408

■ 69.6552, 0.3406,
0.3638

■ 55.0687, 0.4277,
0.4547

■ 73.2118, 0.3243,
0.3437

■ 52.7262, 0.4417,
0.4647

■ 76.9995, 0.3092,
0.3245

■ 50.5484, 0.4530,
0.4699

■ 81.0254, 0.2954,
0.3064

■ 48.5178, 0.4614,
0.4706

■ 83.8226, 0.2949,
0.3104

■ 48.0469, 0.4632,
0.4704

■ 86.6322, 0.2950,
0.3153

■ 89.5166, 0.2951,
0.3202

■ 92.4763, 0.2952,
0.3251

Harmonies

Analogous

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



63.2036, 0.3998, 0.3795



63.2036, 0.3759, 0.4045



63.2036, 0.3358, 0.4093

Triad

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



63.2036, 0.3759, 0.4045



63.2036, 0.2333, 0.3032



63.2036, 0.3301, 0.2792

Complementary

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



63.2036, 0.3759, 0.4045



35.9726, 0.2474, 0.2397

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.



63.2036, 0.2850, 0.2606



63.2036, 0.3759, 0.4045



63.2036, 0.2320, 0.2715

Square

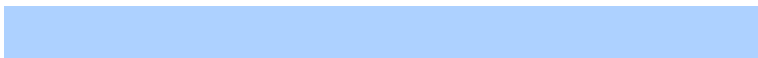
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2036, 0.3759, 0.4045



63.2036, 0.2542, 0.3467



63.2036, 0.2501, 0.2573



63.2036, 0.3730, 0.3091

Rectangle

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



63.2036, 0.3759, 0.4045



63.2036, 0.3058, 0.3978



63.2036, 0.2501, 0.2573



63.2036, 0.3146, 0.2715

Sweetspot

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



63.2065, 0.3759, 0.4045



94.5859, 0.3299, 0.3506



37.7490, 0.3845, 0.3075



20.1079, 0.3321, 0.3533



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.



63.2065, 0.3759, 0.4045



80.1231, 0.3898, 0.4194



68.8784, 0.3505, 0.4284



15.5102, 0.3272, 0.3474



27.5826, 0.4624, 0.4711



2.0367, 0.4544, 0.4774

Inverse Universe

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



35.9726, 0.2474, 0.2397



39.5794, 0.2325, 0.2176



32.5610, 0.2629, 0.2206



13.7121, 0.2981, 0.3100



4.4757, 0.1562, 0.0822



0.4402, 0.1640, 0.1103

Previews

White Background



This preview shows how the Yxy color 63.2036, 0.3759, 0.4045 looks on a white background.

Color Contrast Check

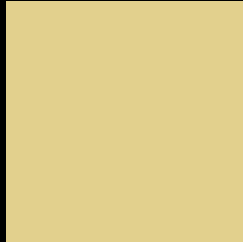
Large Text (above 18pt) WCAG AA × Fail

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 63.2036, 0.3759, 0.4045 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

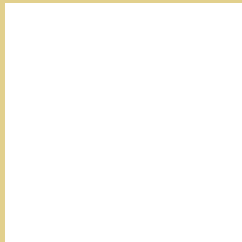
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2036, 0.3759, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 63.2036, 0.3759, 0.4045.



This preview shows how white text looks on a background with the Yxy color 63.2036, 0.3759, 0.4045.

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

63.2036, 0.3759, 0.4045

Protanopia

63.2036, 0.3759, 0.4045

Deuteranopia

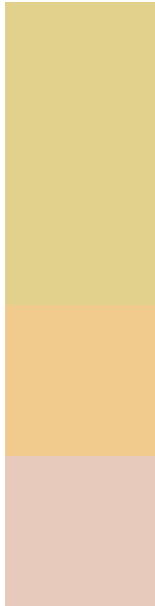
62.9698, 0.3974, 0.3883



Tritanopia

63.1943, 0.3292, 0.3128

Trichromacy



Original Color

63.2036, 0.3759, 0.4045

Protanomaly

63.2036, 0.3759, 0.4045

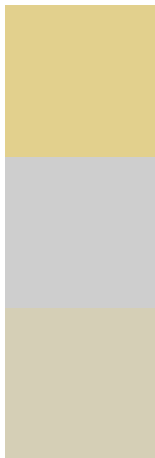
Deuteranomaly

62.8948, 0.3902, 0.3940

Tritanomaly

62.8178, 0.3470, 0.3458

Monochromacy



Original Color

63.2036, 0.3759, 0.4045

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.1492, 0.3354, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2036, 0.3759, 0.4045 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(226, 208, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 208, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 141) }
```

Border

The CSS property to change the border of an element to Yxy 63.2036, 0.3759, 0.4045 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(226, 208, 141) }
```

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

```
.border{ border-color:rgb(226, 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(226, 208, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 208, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 208, 141); box-shadow:4px 4px 4px 4px rgb(226, 208, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2036, 0.3759, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 141) }
```

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

```
.background{ background-color: rgb(226,  
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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