

Converting Colors

Yxy(64.6315, 0.3739, 0.4017)

Have a look what the booklet for
Yxy(64.6315, 0.3739, 0.4017)
contains.

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Color

Yxy(64.6315, 0.3739, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	E4D291
RGB	228, 210, 145
RGB Percent	89%, 82%, 57%
CMY	0.1058, 0.1765, 0.4312
CMYK	0.00, 0.08, 0.36, 0.11
HSL	47°, 61%, 73%
HSV	47°, 36%, 89%
XYZ	60.1586, 64.6315, 36.1048
YIQ	207.9720, 31.5930, -16.3990

Conversions

Conversions Part 2

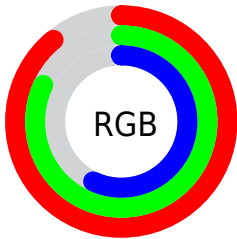
Format	Color
R _Y B	168, 228, 145
Decimal	14996113
CIE Lab	84.29, -3.00, 34.49
CIE LCh	84, 34.620, 94.978
Yxy	64.6315, 0.3739, 0.4017
Android (android.graphics.Color)	4293186193 (0xFFE4D291)
YUV	207.9720, -31.0452, 17.5646
Hunter-Lab	80.3937, -7.1175, 29.6485

Details

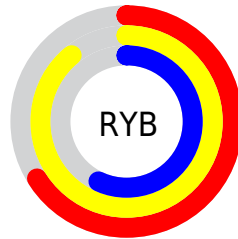
The Yxy color **64.6315, 0.3739, 0.4017** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8386, 0.2498, 0.2436**, and the grayscale version is **63.2517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **33.2430, 0.3870, 0.4190** is the 20% darker color. If you saturate the color by 10%, you get **61.5927, 0.3921, 0.4210**, and if you desaturate by 10%, it is **67.8931, 0.3559, 0.3815**.

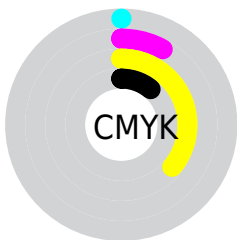
Distribution



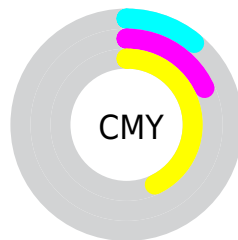
- Red (89%)
- Green (82%)
- Blue (57%)



- Red (66%)
- Yellow (89%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6315, 0.3739, 0.4017 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 64.6315, 0.3739, 0.4017 by changing the saturation by 10% instead.


 64.6315, 0.3739,
0.4017


 64.6315, 0.3739,
0.4017


441.4666, 0.3456,
0.3676

 47.1623, 0.3802,
0.4095


 111.5199, 0.3641,
0.3899

 33.1640, 0.3879,
0.4190


 141.7079, 0.3603,
0.3853

 22.2521, 0.3974,
0.4308


176.9044, 0.3570,
0.3813

 14.0423, 0.4093,
0.4459

217.4936, 0.3541,
0.3778

 8.1501, 0.4241,
0.4653

263.8601, 0.3516,
0.3748

 4.1911, 0.4454,
0.4937

316.3881, 0.3494,

 1.7810, 0.4699,

0.3721

375.4621, 0.3474,
0.3697

0.5301

■ 0.4753, 0.4433,
0.5567

■ 0.0000, 0.0000,
0.0000

■ 64.6315, 0.3739,
0.4017

■ 64.6315, 0.3739,
0.4017

■ 61.5927, 0.3921,
0.4210

■ 67.8931, 0.3559,
0.3815

■ 58.7585, 0.4099,
0.4383

■ 71.3770, 0.3387,
0.3611

■ 56.1220, 0.4264,
0.4526

■ 75.0941, 0.3224,
0.3413

■ 53.6717, 0.4410,
0.4630

■ 79.0518, 0.3075,
0.3223

■ 51.3945, 0.4528,
0.4687

■ 82.9938, 0.2961,
0.3084

■ 49.2741, 0.4617,
0.4698

■ 85.8649, 0.2962,
0.3135

■ 48.5384, 0.4644,
0.4694

■ 88.8156, 0.2963,
0.3185

■ 91.8463, 0.2963,
0.3236

■ 94.9578, 0.2964,
0.3285

Harmonies

Analogous

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



64.6315, 0.3967, 0.3777



64.6315, 0.3739, 0.4017



64.6315, 0.3354, 0.4062

Triad

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



64.6315, 0.3739, 0.4017



64.6315, 0.2361, 0.3045



64.6315, 0.3292, 0.2807

Complementary

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



64.6315, 0.3739, 0.4017



37.8386, 0.2498, 0.2436

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.



64.6315, 0.2858, 0.2628



64.6315, 0.3739, 0.4017



64.6315, 0.2347, 0.2738

Square

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



64.6315, 0.3739, 0.4017



64.6315, 0.2565, 0.3464



64.6315, 0.2521, 0.2598



64.6315, 0.3705, 0.3096

Rectangle

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



64.6315, 0.3739, 0.4017



64.6315, 0.3065, 0.3952



64.6315, 0.2521, 0.2598



64.6315, 0.3143, 0.2733

Sweetspot

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



64.6345, 0.3739, 0.4017



94.4983, 0.3299, 0.3505



39.4525, 0.3798, 0.3066



20.0870, 0.3321, 0.3532



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.



64.6345, 0.3739, 0.4017



80.1849, 0.3882, 0.4170



70.6484, 0.3505, 0.4248



16.2581, 0.3273, 0.3473



28.2038, 0.4636, 0.4701



2.2163, 0.4559, 0.4762

Inverse Universe

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



37.8386, 0.2498, 0.2436



40.7397, 0.2346, 0.2213



34.0964, 0.2637, 0.2242



14.3920, 0.2980, 0.3100



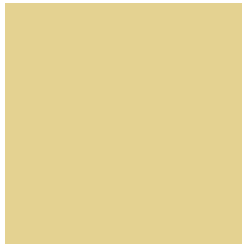
4.6700, 0.1564, 0.0830



0.4801, 0.1638, 0.1095

Previews

White Background



This preview shows how the Yxy color 64.6315, 0.3739, 0.4017 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 64.6315, 0.3739, 0.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

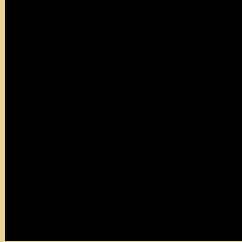
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6315, 0.3739, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 64.6315, 0.3739, 0.4017.

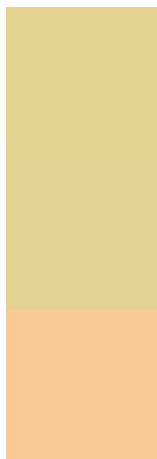


This preview shows how white text looks on a background with the Yxy color 64.6315, 0.3739, 0.4017.

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

64.6315, 0.3739, 0.4017

Protanopia

64.4684, 0.3731, 0.4020

Deuteranopia

64.3891, 0.3951, 0.3858



Tritanopia

64.6159, 0.3283, 0.3119

Trichromacy



Original Color

64.6315, 0.3739, 0.4017

Protanomaly

64.4684, 0.3731, 0.4020

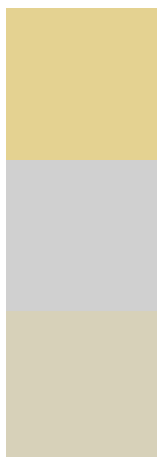
Deuteranomaly

64.3157, 0.3880, 0.3914

Tritanomaly

64.2710, 0.3452, 0.3434

Monochromacy



Original Color

64.6315, 0.3739, 0.4017

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5508, 0.3344, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6315, 0.3739, 0.4017 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(228, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 145)  
}
```

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(228, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 145) }
```

Border

The CSS property to change the border of an element to Yxy 64.6315, 0.3739, 0.4017 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(228, 210, 145) }
```

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

```
.border{ border-color:rgb(228, 210, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 210, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(228, 210,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6315, 0.3739, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 145) }
```

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

```
.background{ background-color: rgb(228,  
210, 145) }
```

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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