

Converting Colors

Yxy(64.3431, 0.3962, 0.4309)

Have a look what the booklet for
Yxy(64.3431, 0.3962, 0.4309)
contains.

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Color

Yxy(64.3431, 0.3962, 0.4309)

Conversions

Conversions Part 1

Format	Color
Hex	E7D274
RGB	231, 210, 116
RGB Percent	91%, 82%, 45%
CMY	0.0940, 0.1765, 0.5452
CMYK	0.00, 0.09, 0.50, 0.09
HSL	49°, 71%, 68%
HSV	49°, 50%, 91%
XYZ	59.1616, 64.3431, 25.8179
YIQ	205.5630, 42.6900, -24.7820

Conversions

Conversions Part 2

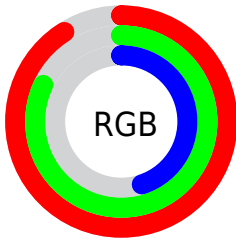
Format	Color
RYB	142, 231, 116
Decimal	15192692
CIELab	84.14, -4.74, 48.87
CIELCh	84, 49.103, 95.545
Yxy	64.3431, 0.3962, 0.4309
Android (android.graphics.Color)	4293382772 (0xFFE7D274)
YUV	205.5630, -44.1546, 22.3082
Hunter-Lab	80.2142, -8.7228, 37.0667

Details

The Yxy color **64.3431, 0.3962, 0.4309** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.3809, 0.2228, 0.1995**, and the grayscale version is **61.6976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6823, 0.3632, 0.4124**, and **33.0313, 0.4132, 0.4542** is the 20% darker color. If you saturate the color by 10%, you get **61.8149, 0.4126, 0.4479**, and if you desaturate by 10%, it is **67.0660, 0.3789, 0.4116**.

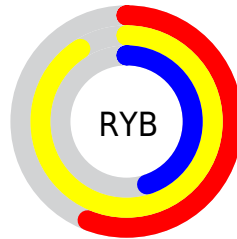
Distribution



Red (91%)

Green (82%)

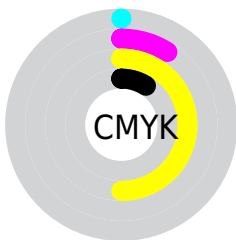
Blue (45%)



Red (56%)

Yellow (91%)

Blue (45%)

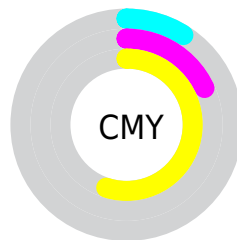


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3431, 0.3962, 0.4309 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 64.3431, 0.3962, 0.4309 by changing the saturation by 10% instead.

 64.3431, 0.3962,
0.4309


 64.3431, 0.3962,
0.4309


440.4276, 0.3586,
0.3839


 46.9286, 0.4041,
0.4411


 111.1049, 0.3836,
0.4149

 32.9792, 0.4134,
0.4534


 141.2210, 0.3786,
0.4086

 22.1105, 0.4242,
0.4680

 176.3398, 0.3741,
0.4031

 13.9381, 0.4365,
0.4854

216.8457, 0.3703,
0.3983

 8.0777, 0.4501,
0.5061

263.1230, 0.3668,
0.3940

 4.1447, 0.4665,
0.5335

315.5561, 0.3638,

 1.7548, 0.4595,

0.3903

0.5405

374.5295, 0.3610,
0.3869

■ 0.4588, 0.4111,
0.5889

■ 0.0000, 0.0000,
0.0000

■ 64.3431, 0.3962,
0.4309

■ 64.3431, 0.3962,
0.4309

■ 61.8149, 0.4126,
0.4479

■ 67.0660, 0.3789,
0.4116

■ 59.4620, 0.4274,
0.4614


■ 69.9842, 0.3613,
0.3909


■ 57.2754, 0.4398,
0.4707

■ 73.1093, 0.3441,
0.3697


■ 55.2409, 0.4493,
0.4754

■ 76.4493, 0.3278,
0.3488

 53.3350, 0.4562,
0.4758

 80.0118, 0.3124,
0.3286

 53.2976, 0.4564,
0.4758

 83.8039, 0.2983,
0.3095

 86.2824, 0.2981,
0.3134

 88.7932, 0.2981,
0.3177

 91.3623, 0.2981,
0.3220

Harmonies

Analogous

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



64.3431, 0.4305, 0.3946



64.3431, 0.3962, 0.4309



64.3431, 0.3412, 0.4408

Triad

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



64.3431, 0.3962, 0.4309



64.3431, 0.2069, 0.2913



64.3431, 0.3363, 0.2633

Complementary

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



64.3431, 0.3962, 0.4309



27.3809, 0.2228, 0.1995

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.



64.3431, 0.2752, 0.2390



64.3431, 0.3962, 0.4309



64.3431, 0.2059, 0.2503

Square

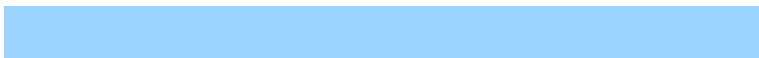
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3431, 0.3962, 0.4309



64.3431, 0.2331, 0.3516



64.3431, 0.2294, 0.2335



64.3431, 0.3958, 0.3019

Rectangle

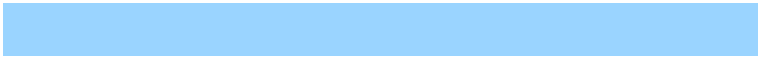
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3431, 0.3962, 0.4309



64.3431, 0.3009, 0.4254



64.3431, 0.2294, 0.2335



64.3431, 0.3151, 0.2533

Sweetspot

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



64.3461, 0.3962, 0.4309



93.3946, 0.3363, 0.3598



31.2897, 0.4268, 0.3054



19.8024, 0.3398, 0.3642



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.



64.3461, 0.3962, 0.4309



77.1685, 0.4135, 0.4487



69.9814, 0.3578, 0.4626



16.3454, 0.3272, 0.3481



30.0379, 0.4557, 0.4764



2.3367, 0.4494, 0.4814

Inverse Universe

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



27.3809, 0.2228, 0.1995



26.0047, 0.2027, 0.1673



24.9736, 0.2454, 0.1818



14.3113, 0.2980, 0.3092



4.3025, 0.1548, 0.0773



0.4415, 0.1617, 0.1022

Previews

White Background



This preview shows how the Yxy color 64.3431, 0.3962, 0.4309 looks on a white background.

Color Contrast Check

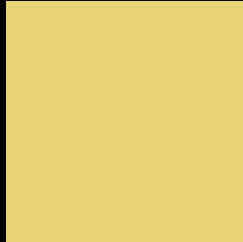
Large Text (above 18pt) WCAG AA × Fail

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 64.3431, 0.3962, 0.4309 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 64.3431, 0.3962, 0.4309

Background



This preview shows how black text looks on a background with the Yxy color 64.3431, 0.3962, 0.4309.



This preview shows how white text looks on a background with the Yxy color 64.3431, 0.3962, 0.4309.

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

64.3431, 0.3962, 0.4309

Protanopia

64.3431, 0.3962, 0.4309

Deuteranopia

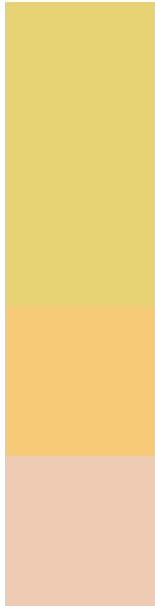
63.9737, 0.4174, 0.4083



Tritanopia

64.4027, 0.3347, 0.3132

Trichromacy



Original Color

64.3431, 0.3962, 0.4309

Protanomaly

64.3431, 0.3962, 0.4309

Deuteranomaly

64.1346, 0.4091, 0.4166

Tritanomaly

63.9307, 0.3587, 0.3565

Monochromacy



Original Color

64.3431, 0.3962, 0.4309

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0899, 0.3436, 0.3686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3431, 0.3962, 0.4309 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(231, 210, 116)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 116)  
}
```

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(231, 210, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 116) }
```

Border

The CSS property to change the border of an element to Yxy 64.3431, 0.3962, 0.4309 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(231, 210, 116) }
```

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

```
.border{ border-color:rgb(231, 210, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 210, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 210, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 210, 116);  
box-shadow:4px 4px 4px 4px rgb(231, 210,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3431, 0.3962, 0.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 116) }
```

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

```
.background{ background-color: rgb(231,  
210, 116) }
```

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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