

Converting Colors

$Yxy(57.0104, 0.3861, 0.4077)$

Have a look what the booklet for
Yxy(57.0104, 0.3861, 0.4077)
contains.

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Color

Yxy(57.0471, 0.3860, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	DEC581
RGB	222, 197, 129
RGB Percent	87%, 77%, 51%
CMY	0.1294, 0.2274, 0.4941
CMYK	0.00, 0.11, 0.42, 0.13
HSL	44°, 58%, 69%
HSV	44°, 42%, 87%
XYZ	54.0505, 57.0471, 28.9296
YIQ	196.7230, 36.7280, -15.8480

Conversions

Conversions Part 2

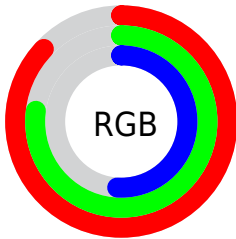
Format	Color
RYB	163, 222, 129
Decimal	14599553
CIELab	80.21, -0.44, 37.30
CIELCh	80, 37.300, 90.671
Yxy	57.0471, 0.3860, 0.4074
Android (android.graphics.Color)	4292789633 (0xFFDEC581)
YUV	196.7230, -33.3874, 22.1679
Hunter-Lab	75.5295, -4.4383, 30.1612

Details

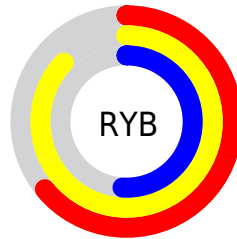
The Yxy color **57.0471, 0.3860, 0.4074** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.0444, 0.2404, 0.2351**, and the grayscale version is **55.8482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5625, 0.3558, 0.3989**, and **28.1943, 0.4038, 0.4262** is the 20% darker color. If you saturate the color by 10%, you get **53.8670, 0.4054, 0.4248**, and if you desaturate by 10%, it is **60.4679, 0.3669, 0.3887**.

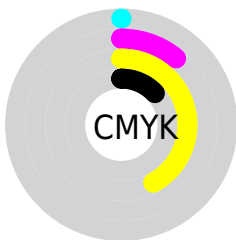
Distribution



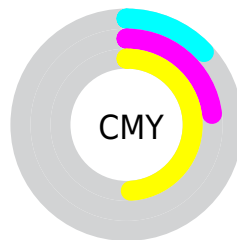
- Red (87%)
- Green (77%)
- Blue (51%)



- Red (64%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (42%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0471, 0.3860, 0.4074 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 57.0471, 0.3860, 0.4074 by changing the saturation by 10% instead.


 57.0471, 0.3860,
0.4074

 57.0471, 0.3860,
0.4074

413.6258, 0.3514,
0.3703

 41.0431, 0.3939,
0.4158

 100.5339, 0.3740,
0.3945

 28.3527, 0.4034,
0.4262


 128.7855, 0.3693,
0.3895

 18.5917, 0.4153,
0.4389


 161.8883, 0.3653,
0.3851

 11.3756, 0.4299,
0.4548

200.2269, 0.3617,
0.3814

 6.3201, 0.4479,
0.4744

244.1855, 0.3587,
0.3781

 3.0407, 0.4852,
0.5148

294.1486, 0.3560,

 1.1530, 0.4844,

0.3752

0.5156

350.5005, 0.3535,
0.3726

0.0228, 0.3259,
0.6741

0.0000, 0.0000,
0.0000

57.0471, 0.3860,
0.4074

57.0471, 0.3860,
0.4074

53.8670, 0.4054,
0.4248

60.4679, 0.3669,
0.3887

50.9101, 0.4242,
0.4397


64.1302, 0.3485,
0.3695

48.1683, 0.4417,
0.4513

68.0449, 0.3314,
0.3506


45.6296, 0.4569,
0.4584

72.2198, 0.3155,
0.3323


 43.2797, 0.4691,
0.4606

 76.6622, 0.3012,
0.3151

 41.4945, 0.4772,
0.4593

 80.9070, 0.2923,
0.3061

 84.3367, 0.2924,
0.3123

 87.8816, 0.2926,
0.3185

 91.5427, 0.2928,
0.3246

Harmonies

Analogous

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



57.0471, 0.4086, 0.3777



57.0471, 0.3860, 0.4074



57.0471, 0.3444, 0.4172

Triad

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



57.0471, 0.3860, 0.4074



57.0471, 0.2294, 0.3073



57.0471, 0.3238, 0.2716

Complementary

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



57.0471, 0.3860, 0.4074



33.0444, 0.2404, 0.2351

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.



57.0471, 0.2761, 0.2539



57.0471, 0.3860, 0.4074



57.0471, 0.2248, 0.2708

Square

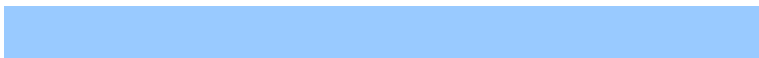
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0471, 0.3860, 0.4074



57.0471, 0.2546, 0.3554



57.0471, 0.2411, 0.2529



57.0471, 0.3717, 0.3020

Rectangle

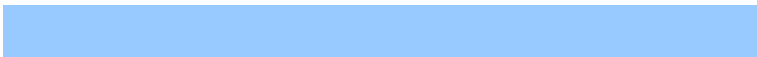
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0471, 0.3860, 0.4074



57.0471, 0.3122, 0.4078



57.0471, 0.2411, 0.2529



57.0471, 0.3071, 0.2641

Sweetspot

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



57.0498, 0.3860, 0.4074



92.4951, 0.3334, 0.3529



33.6061, 0.3891, 0.2978



19.5381, 0.3371, 0.3570



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.



57.0498, 0.3860, 0.4074



74.3859, 0.4025, 0.4223



66.3569, 0.3591, 0.4381



15.3741, 0.3274, 0.3461



24.8416, 0.4761, 0.4602



1.8672, 0.4654, 0.4687

Inverse Universe

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



33.0444, 0.2404, 0.2351



37.5235, 0.2246, 0.2120



27.3765, 0.2507, 0.2051



13.8393, 0.2981, 0.3113



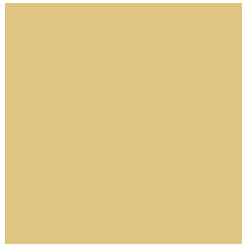
5.1870, 0.1592, 0.0932



0.5054, 0.1676, 0.1233

Previews

White Background



This preview shows how the Yxy color 57.0471, 0.3860, 0.4074 looks on a white background.

Color Contrast Check

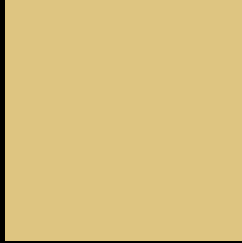
Large Text (above 18pt) WCAG AA × Fail

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 57.0471, 0.3860, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

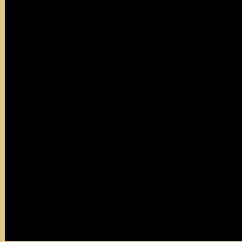
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0471, 0.3860, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 57.0471, 0.3860, 0.4074.



This preview shows how white text looks on a background with the Yxy color 57.0471, 0.3860, 0.4074.

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

57.0471, 0.3860, 0.4074

Protanopia

57.0575, 0.3792, 0.4100

Deuteranopia

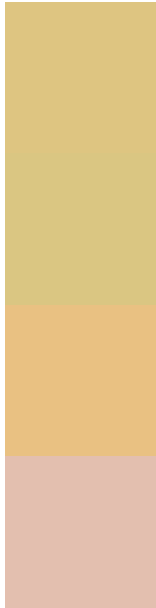
56.7893, 0.4035, 0.3948



Tritanopia

57.0537, 0.3367, 0.3135

Trichromacy



Original Color

57.0471, 0.3860, 0.4074

Protanomaly

56.9053, 0.3813, 0.4084

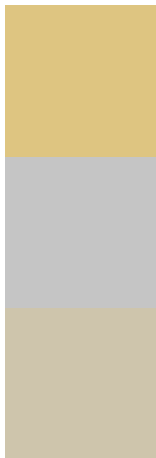
Deuteranomaly

57.0753, 0.3967, 0.3993

Tritanomaly

56.6876, 0.3557, 0.3474

Monochromacy



Original Color

57.0471, 0.3860, 0.4074

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0329, 0.3390, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0471, 0.3860, 0.4074 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(222, 197, 129)` looks like.

```
.text, #text, p{  
    color:rgb(222, 197, 129)  
}
```

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(222, 197, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 197, 129) }
```

Border

The CSS property to change the border of an element to Yxy 57.0471, 0.3860, 0.4074 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(222, 197, 129) }
```

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

```
.border{ border-color:rgb(222, 197, 129) }
```

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

Here you see how a box with a 4 pixel rgb(222, 197, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 197, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 197, 129);  
box-shadow:4px 4px 4px 4px rgb(222, 197,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0471, 0.3860, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 197, 129) }
```

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

```
.background{ background-color: rgb(222,  
197, 129) }
```

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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