

Converting Colors

$Yxy(57.5255, 0.3970, 0.4061)$

Have a look what the booklet for
Yxy(57.5255, 0.3970, 0.4061)
contains.

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Color

Yxy(57.5255, 0.3970, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	E7C37E
RGB	231, 195, 126
RGB Percent	91%, 76%, 49%
CMY	0.0941, 0.2353, 0.5057
CMYK	0.00, 0.16, 0.45, 0.09
HSL	39°, 69%, 70%
HSV	39°, 45%, 91%
XYZ	56.2365, 57.5255, 27.8916
YIQ	197.8980, 43.6050, -13.8270

Conversions

Conversions Part 2

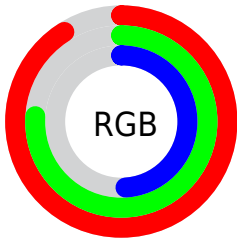
Format	Color
RYB	181, 231, 126
Decimal	15188862
CIELab	80.47, 3.92, 39.32
CIELCh	80, 39.511, 84.309
Yxy	57.5255, 0.3970, 0.4061
Android (android.graphics.Color)	4293378942 (0xFFE7C37E)
YUV	197.8980, -35.4457, 29.0305
Hunter-Lab	75.8456, -0.3791, 31.2885

Details

The Yxy color **57.5255, 0.3970, 0.4061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.0586, 0.2355, 0.2362**, and the grayscale version is **56.6094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5496, 0.3584, 0.3992**, and **28.7382, 0.4166, 0.4249** is the 20% darker color. If you saturate the color by 10%, you get **53.5429, 0.4185, 0.4213**, and if you desaturate by 10%, it is **61.8395, 0.3760, 0.3893**.

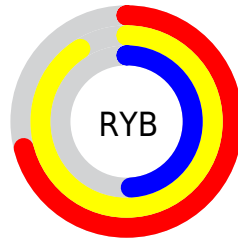
Distribution



Red (91%)

Green (76%)

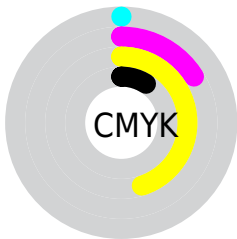
Blue (49%)



Red (71%)

Yellow (91%)

Blue (49%)

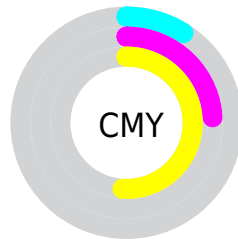


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5255, 0.3970, 0.4061 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 57.5255, 0.3970, 0.4061 by changing the saturation by 10% instead.


 57.5255, 0.3970,
0.4061


 57.5255, 0.3970,
0.4061


415.4155, 0.3571,
0.3703


 41.4273, 0.4060,
0.4140


 101.2316, 0.3831,
0.3938

 28.6531, 0.4171,
0.4235


 129.6082, 0.3777,
0.3890

 18.8186, 0.4307,
0.4350


 162.8464, 0.3731,
0.3848

 11.5393, 0.4476,
0.4489

201.3307, 0.3691,
0.3812

 6.4308, 0.4683,
0.4649

245.4453, 0.3655,
0.3779

 3.1087, 0.5058,
0.4942

295.5747, 0.3624,

 1.1888, 0.5126,

0.3751

0.4874

352.1033, 0.3596,
0.3726

■ 0.0525, 0.7349,
0.2651

■ 0.0000, 0.0000,
0.0000

■ 57.5255, 0.3970,
0.4061

■ 57.5255, 0.3970,
0.4061

■ 53.5429, 0.4185,
0.4213

■ 61.8395, 0.3760,
0.3893

■ 49.8711, 0.4398,
0.4339


■ 66.4883, 0.3562,
0.3719


■ 46.4989, 0.4597,
0.4426

■ 71.4853, 0.3378,
0.3545

■ 43.4108, 0.4772,
0.4465


■ 76.8406, 0.3211,
0.3378

 40.5881, 0.4914,
0.4452

 82.5638, 0.3061,
0.3219

 39.3754, 0.4972,
0.4434

 88.0277, 0.2981,
0.3165

 92.8590, 0.2981,
0.3244

 95.7278, 0.2982,
0.3290

Harmonies

Analogous

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



57.5255, 0.4154, 0.3718



57.5255, 0.3970, 0.4061



57.5255, 0.3563, 0.4225

Triad

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



57.5255, 0.3970, 0.4061



57.5255, 0.2289, 0.3160



57.5255, 0.3130, 0.2635

Complementary

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



57.5255, 0.3970, 0.4061



36.0586, 0.2355, 0.2362

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.



57.5255, 0.2648, 0.2484



57.5255, 0.3970, 0.4061



57.5255, 0.2195, 0.2740

Square

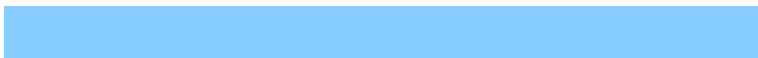
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.5255, 0.3970, 0.4061



57.5255, 0.2595, 0.3677



57.5255, 0.2320, 0.2512



57.5255, 0.3651, 0.2929

Rectangle

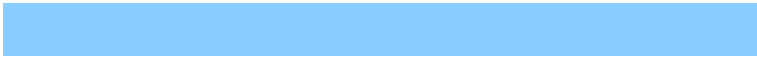
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5255, 0.3970, 0.4061



57.5255, 0.3228, 0.4173



57.5255, 0.2320, 0.2512



57.5255, 0.2958, 0.2567

Sweetspot

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



57.5282, 0.3970, 0.4061



90.3472, 0.3354, 0.3522



34.5564, 0.3908, 0.2872



19.0367, 0.3392, 0.3559



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.



57.5282, 0.3970, 0.4061



67.0739, 0.4182, 0.4211



73.1404, 0.3679, 0.4453



15.9413, 0.3276, 0.3444



22.3154, 0.4956, 0.4447



1.8202, 0.4816, 0.4558

Inverse Universe

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



36.0586, 0.2355, 0.2362



36.9857, 0.2182, 0.2115



26.4332, 0.2385, 0.1910



14.6911, 0.2981, 0.3131



6.5940, 0.1641, 0.1108



0.6552, 0.1723, 0.1401

Previews

White Background



This preview shows how the Yxy color 57.5255, 0.3970, 0.4061 looks on a white background.

Color Contrast Check

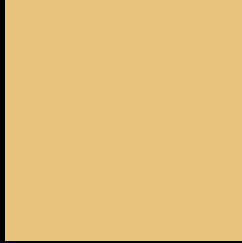
Large Text (above 18pt) WCAG AA × Fail

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 57.5255, 0.3970, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

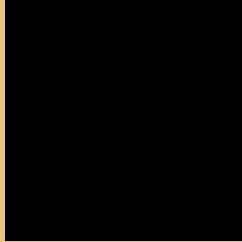
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5255, 0.3970, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 57.5255, 0.3970, 0.4061.



This preview shows how white text looks on a background with the Yxy color 57.5255, 0.3970, 0.4061.

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

57.5255, 0.3970, 0.4061

Protanopia

57.7725, 0.3819, 0.4127

Deuteranopia

57.4947, 0.4070, 0.3984



Tritanopia

57.4651, 0.3454, 0.3138

Trichromacy



Original Color

57.5255, 0.3970, 0.4061

Protanomaly

57.6084, 0.3879, 0.4103

Deuteranomaly

57.2361, 0.4030, 0.4004

Tritanomaly

57.0745, 0.3648, 0.3470

Monochromacy



Original Color

57.5255, 0.3970, 0.4061

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6127, 0.3423, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5255, 0.3970, 0.4061 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, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 126)  
}
```

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, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 126) }
```

Border

The CSS property to change the border of an element to Yxy 57.5255, 0.3970, 0.4061 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, 195, 126) }
```

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

```
.border{ border-color:rgb(231, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5255, 0.3970, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 126) }
```

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

```
.background{ background-color: rgb(231,  
195, 126) }
```

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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