

Converting Colors

$Yxy(57.0180, 0.3980, 0.4051)$

Have a look what the booklet for
Yxy(57.0180, 0.3980, 0.4051)
contains.

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Color

Yxy(57.0789, 0.3975, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	E7C27E
RGB	231, 194, 126
RGB Percent	91%, 76%, 49%
CMY	0.0942, 0.2392, 0.5058
CMYK	0.00, 0.16, 0.45, 0.09
HSL	39°, 69%, 70%
HSV	39°, 45%, 91%
XYZ	56.0081, 57.0789, 27.8138
YIQ	197.3110, 43.8800, -13.3040

Conversions

Conversions Part 2

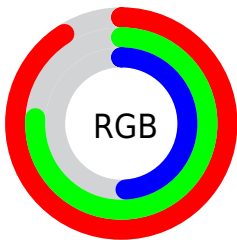
Format	Color
R_{YB}	183, 231, 126
Decimal	15188606
CIE _{Lab}	80.22, 4.43, 39.00
CIE _{LCh}	80, 39.253, 83.523
Yxy	57.0789, 0.3975, 0.4051
Android (android.graphics.Color)	4293378686 (0xFFE7C27E)
YUV	197.3110, -35.1563, 29.5453
Hunter-Lab	75.5506, 0.1142, 31.0579

Details

The Yxy color **57.0789, 0.3975, 0.4051** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.3973, 0.2358, 0.2375**, and the grayscale version is **56.2310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9265, 0.3586, 0.3983**, and **28.4420, 0.4175, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **53.0295, 0.4193, 0.4202**, and if you desaturate by 10%, it is **61.4695, 0.3763, 0.3885**.

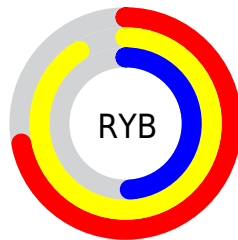
Distribution



Red (91%)

Green (76%)

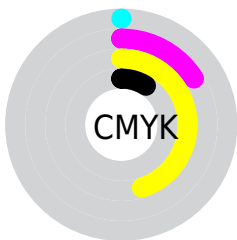
Blue (49%)



Red (72%)

Yellow (91%)

Blue (49%)

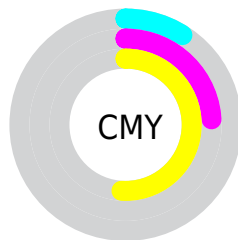


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0789, 0.3975, 0.4051 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 57.0789, 0.3975, 0.4051 by changing the saturation by 10% instead.

 57.0789, 0.3975,
0.4051


 57.0789, 0.3975,
0.4051


413.7449, 0.3573,
0.3697


 41.0686, 0.4066,
0.4129


 100.5803, 0.3835,
0.3930

 28.3727, 0.4178,
0.4223


 128.8402, 0.3781,
0.3882

 18.6068, 0.4316,
0.4336


 161.9521, 0.3734,
0.3841

 11.3865, 0.4488,
0.4472

200.3003, 0.3693,
0.3805

 6.3274, 0.4700,
0.4629

244.2693, 0.3657,
0.3773

 3.0452, 0.5083,
0.4917

294.2435, 0.3626,

 1.1554, 0.5161,

0.3745

0.4839

350.6072, 0.3598,
0.3720

0.0248, 0.8415,
0.1585

0.0000, 0.0000,
0.0000

57.0789, 0.3975,
0.4051

57.0789, 0.3975,
0.4051

53.0295, 0.4193,
0.4202

61.4695, 0.3763,
0.3885

49.3006, 0.4409,
0.4325


66.2051, 0.3563,
0.3713

45.8808, 0.4612,
0.4411

71.2994, 0.3379,
0.3542


42.7542, 0.4792,
0.4448

76.7625, 0.3211,
0.3376

 39.9018, 0.4938,
0.4433

 82.6044, 0.3061,
0.3220

 38.6784, 0.4998,
0.4414

 88.1995, 0.2981,
0.3168

 93.1722, 0.2981,
0.3249

 95.7246, 0.2981,
0.3290

Harmonies

Analogous

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



57.0789, 0.4151, 0.3706



57.0789, 0.3975, 0.4051



57.0789, 0.3574, 0.4220

Triad

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



57.0789, 0.3975, 0.4051



57.0789, 0.2297, 0.3173



57.0789, 0.3117, 0.2631

Complementary

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



57.0789, 0.3975, 0.4051



36.3973, 0.2358, 0.2375

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.



57.0789, 0.2639, 0.2485



57.0789, 0.3975, 0.4051



57.0789, 0.2198, 0.2751

Square

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



57.0789, 0.3975, 0.4051



57.0789, 0.2607, 0.3689



57.0789, 0.2317, 0.2518



57.0789, 0.3636, 0.2921

Rectangle

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



57.0789, 0.3975, 0.4051



57.0789, 0.3241, 0.4174



57.0789, 0.2317, 0.2518



57.0789, 0.2946, 0.2564

Sweetspot

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



57.0816, 0.3975, 0.4051



90.1489, 0.3355, 0.3519



34.6131, 0.3887, 0.2853



18.9883, 0.3393, 0.3555



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.



57.0816, 0.3975, 0.4051



66.4448, 0.4190, 0.4200



73.3934, 0.3693, 0.4447



15.9181, 0.3276, 0.3442



21.9307, 0.4981, 0.4427



1.7936, 0.4837, 0.4542

Inverse Universe

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



36.3973, 0.2358, 0.2375



37.4507, 0.2185, 0.2132



26.2752, 0.2371, 0.1905



14.7134, 0.2981, 0.3133



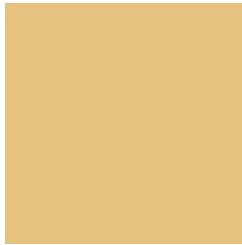
6.7747, 0.1648, 0.1133



0.6704, 0.1729, 0.1426

Previews

White Background



This preview shows how the Yxy color 57.0789, 0.3975, 0.4051 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 57.0789, 0.3975, 0.4051 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 57.0789, 0.3975, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 57.0789, 0.3975, 0.4051.



This preview shows how white text looks on a background with the Yxy color 57.0789, 0.3975, 0.4051.

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

57.0789, 0.3975, 0.4051

Protanopia

57.1571, 0.3815, 0.4119

Deuteranopia

56.8845, 0.4067, 0.3976



Tritanopia

56.9986, 0.3464, 0.3138

Trichromacy



Original Color

57.0789, 0.3975, 0.4051

Protanomaly

56.9944, 0.3875, 0.4096

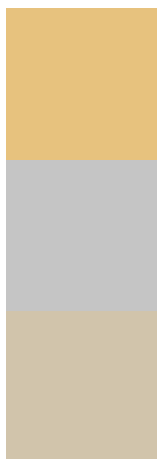
Deuteranomaly

56.7984, 0.4036, 0.3994

Tritanomaly

56.6072, 0.3660, 0.3471

Monochromacy



Original Color

57.0789, 0.3975, 0.4051

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9754, 0.3425, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0789, 0.3975, 0.4051 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, 194, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 194, 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, 194, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 194, 126) }
```

Border

The CSS property to change the border of an element to Yxy 57.0789, 0.3975, 0.4051 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, 194, 126) }
```

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

```
.border{ border-color:rgb(231, 194, 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, 194, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 194, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 194, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 194,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0789, 0.3975, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 194, 126) }
```

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

```
.background{ background-color: rgb(231,  
194, 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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