

Converting Colors

Yxy(56.9994, 0.3983, 0.4060)

Have a look what the booklet for
Yxy(56.9994, 0.3983, 0.4060)
contains.

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Color

Yxy(57.0532, 0.3983, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	E7C27D
RGB	231, 194, 125
RGB Percent	91%, 76%, 49%
CMY	0.0942, 0.2392, 0.5099
CMYK	0.00, 0.16, 0.46, 0.09
HSL	39°, 69%, 70%
HSV	39°, 46%, 91%
XYZ	55.9436, 57.0532, 27.4591
YIQ	197.1970, 44.2010, -13.6150

Conversions

Conversions Part 2

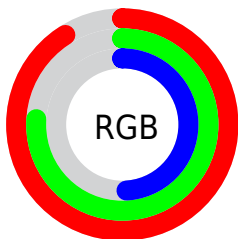
Format	Color
RYB	182, 231, 125
Decimal	15188605
CIELab	80.21, 4.33, 39.52
CIELCh	80, 39.756, 83.748
Yxy	57.0532, 0.3983, 0.4062
Android (android.graphics.Color)	4293378685 (0xFFE7C27D)
YUV	197.1970, -35.5931, 29.6452
Hunter-Lab	75.5336, 0.0215, 31.3195

Details

The Yxy color **57.0532, 0.3983, 0.4062** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.9511, 0.2349, 0.2359**, and the grayscale version is **56.1590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8859, 0.3592, 0.3993**, and **28.4284, 0.4184, 0.4249** is the 20% darker color. If you saturate the color by 10%, you get **53.0430, 0.4200, 0.4212**, and if you desaturate by 10%, it is **61.4005, 0.3771, 0.3896**.

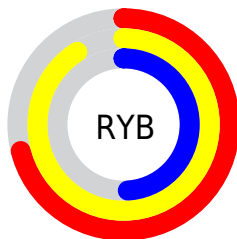
Distribution



Red (91%)

Green (76%)

Blue (49%)



Red (71%)

Yellow (91%)

Blue (49%)

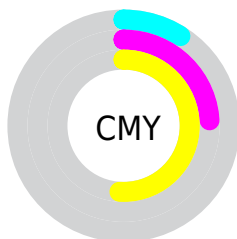


Cyan (0%)

Magenta (16%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0532, 0.3983, 0.4062 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 57.0532, 0.3983, 0.4062 by changing the saturation by 10% instead.


 57.0532, 0.3983,
0.4062


 57.0532, 0.3983,
0.4062

413.6486, 0.3577,
0.3704

 41.0480, 0.4075,
0.4141

 100.5428, 0.3842,
0.3939

 28.3566, 0.4187,
0.4236


 128.7960, 0.3787,
0.3891

 18.5946, 0.4326,
0.4350


 161.9005, 0.3740,
0.3849

 11.3777, 0.4498,
0.4487

200.2409, 0.3699,
0.3812

 6.3215, 0.4709,
0.4645

244.2016, 0.3663,
0.3780

 3.0415, 0.5078,
0.4922

294.1668, 0.3631,

 1.1535, 0.5155,

0.3752

0.4845

350.5210, 0.3603,
0.3726

0.0232, 0.8463,
0.1537

0.0000, 0.0000,
0.0000

57.0532, 0.3983,
0.4062

57.0532, 0.3983,
0.4062

53.0430, 0.4200,
0.4212

61.4005, 0.3771,
0.3896

49.3490, 0.4415,
0.4335


66.0884, 0.3571,
0.3723


45.9601, 0.4615,
0.4419


71.1307, 0.3386,
0.3551

42.8601, 0.4792,
0.4455


76.5375, 0.3218,
0.3384

 40.0301, 0.4935,
0.4438

 82.3187, 0.3067,
0.3226

 38.9341, 0.4988,
0.4421

 87.9188, 0.2981,
0.3163

 92.8299, 0.2981,
0.3244

 95.7262, 0.2981,
0.3290

Harmonies

Analogous

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



57.0532, 0.4164, 0.3713



57.0532, 0.3983, 0.4062



57.0532, 0.3575, 0.4233

Triad

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



57.0532, 0.3983, 0.4062



57.0532, 0.2286, 0.3167



57.0532, 0.3120, 0.2625

Complementary

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



57.0532, 0.3983, 0.4062



35.9511, 0.2349, 0.2359

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.



57.0532, 0.2636, 0.2476



57.0532, 0.3983, 0.4062



57.0532, 0.2187, 0.2741

Square

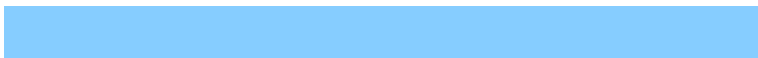
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0532, 0.3983, 0.4062



57.0532, 0.2597, 0.3691



57.0532, 0.2309, 0.2507



57.0532, 0.3646, 0.2919

Rectangle

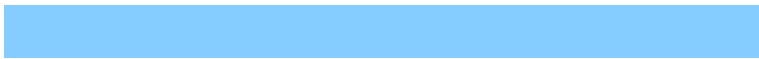
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0532, 0.3983, 0.4062



57.0532, 0.3238, 0.4185



57.0532, 0.2309, 0.2507



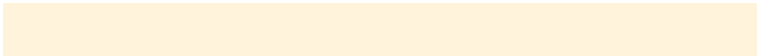
57.0532, 0.2947, 0.2557

Sweetspot

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



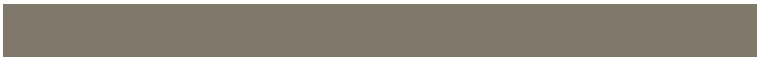
57.0559, 0.3983, 0.4062



90.2218, 0.3355, 0.3520



34.2605, 0.3919, 0.2868



19.0061, 0.3393, 0.3557



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.



57.0559, 0.3983, 0.4062



66.6755, 0.4187, 0.4204



73.0826, 0.3684, 0.4464



15.9266, 0.3276, 0.3443



22.0714, 0.4972, 0.4434



1.8034, 0.4829, 0.4548

Inverse Universe

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



35.9511, 0.2349, 0.2359



37.2792, 0.2184, 0.2126



26.0837, 0.2376, 0.1894



14.7052, 0.2981, 0.3133



6.7076, 0.1646, 0.1124



0.6648, 0.1727, 0.1417

Previews

White Background



This preview shows how the Yxy color 57.0532, 0.3983, 0.4062 looks on a white background.

Color Contrast Check

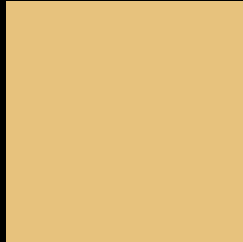
Large Text (above 18pt) WCAG AA × Fail

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 57.0532, 0.3983, 0.4062 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 57.0532, 0.3983, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 57.0532, 0.3983, 0.4062.



This preview shows how white text looks on a background with the Yxy color 57.0532, 0.3983, 0.4062.

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

57.0532, 0.3983, 0.4062

Protanopia

57.1309, 0.3822, 0.4130

Deuteranopia

56.8585, 0.4075, 0.3987



Tritanopia

56.9986, 0.3464, 0.3138

Trichromacy



Original Color

57.0532, 0.3983, 0.4062

Protanomaly

56.9685, 0.3882, 0.4107

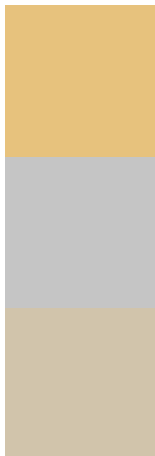
Deuteranomaly

56.7725, 0.4043, 0.4005

Tritanomaly

56.6072, 0.3660, 0.3471

Monochromacy



Original Color

57.0532, 0.3983, 0.4062

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 57.0532, 0.3983, 0.4062 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(231, 194, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 194, 125) }
```

Border

The CSS property to change the border of an element to Yxy 57.0532, 0.3983, 0.4062 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, 125) }
```

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

```
.border{ border-color:rgb(231, 194, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 194, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 194, 125);  
box-shadow:4px 4px 4px 4px rgb(231, 194,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0532, 0.3983, 0.4062 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, 125) }
```

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

```
.background{ background-color: rgb(231,  
194, 125) }
```

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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