

Converting Colors

$Yxy(60.6620, 0.3823, 0.3988)$

Have a look what the booklet for
Yxy(60.6620, 0.3823, 0.3988)
contains.

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Color

Yxy(60.7925, 0.3816, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	E5CA8C
RGB	229, 202, 140
RGB Percent	90%, 79%, 55%
CMY	0.1019, 0.2078, 0.4510
CMYK	0.00, 0.12, 0.39, 0.10
HSL	42°, 63%, 72%
HSV	42°, 39%, 90%
XYZ	58.1706, 60.7925, 33.4755
YIQ	203.0050, 35.9940, -13.5580

Conversions

Conversions Part 2

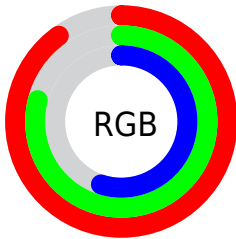
Format	Color
R _Y B	179, 229, 140
Decimal	15059596
CIE Lab	82.27, 0.95, 34.44
CIE LCh	82, 34.454, 88.422
Yxy	60.7925, 0.3816, 0.3988
Android (android.graphics.Color)	4293249676 (0xFFE5CA8C)
YUV	203.0050, -31.0615, 22.7976
Hunter-Lab	77.9695, -3.2736, 29.1231

Details

The Yxy color **60.7925, 0.3816, 0.3988** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.8733, 0.2466, 0.2472**, and the grayscale version is **59.9082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **30.6717, 0.3979, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **57.0002, 0.4018, 0.4160**, and if you desaturate by 10%, it is **64.8779, 0.3620, 0.3806**.

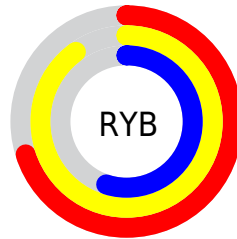
Distribution



Red (90%)

Green (79%)

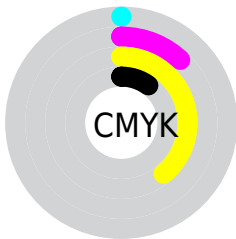
Blue (55%)



Red (70%)

Yellow (90%)

Blue (55%)

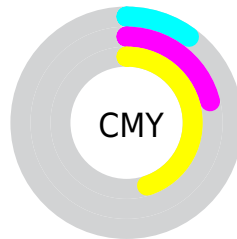


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (10%)



Cyan (10%)


Magenta (21%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7925, 0.3816, 0.3988 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 60.7925, 0.3816, 0.3988 by changing the saturation by 10% instead.


 60.7925, 0.3816,
0.3988


 60.7925, 0.3816,
0.3988


427.5128, 0.3492,
0.3661


 44.0577, 0.3890,
0.4062


 105.9784, 0.3703,
0.3875

 30.7159, 0.3980,
0.4152


 135.1984, 0.3660,
0.3831

 20.3826, 0.4092,
0.4264


 169.3489, 0.3622,
0.3792

 12.6735, 0.4234,
0.4405

208.8142, 0.3589,
0.3759

 7.2041, 0.4414,
0.4581

253.9789, 0.3560,
0.3730

 3.5901, 0.4731,
0.4893

305.2273, 0.3535,

 1.4470, 0.4931,

0.3704

0.5069

362.9438, 0.3512,
0.3682

0.2510, 0.5105,
0.4895

0.0000, 0.0000,
0.0000

60.7925, 0.3816,
0.3988

60.7925, 0.3816,
0.3988

57.0002, 0.4018,
0.4160

64.8779, 0.3620,
0.3806

53.4819, 0.4221,
0.4312

69.2579, 0.3436,
0.3622

50.2286, 0.4414,
0.4433

73.9445, 0.3265,
0.3443

47.2273, 0.4589,
0.4511

78.9466, 0.3110,
0.3271

■ 44.4627, 0.4735,
0.4541

■ 84.2722, 0.2971,
0.3110

■ 41.9127, 0.4852,
0.4523

■ 88.4015, 0.2969,
0.3176

■ 41.6355, 0.4864,
0.4520

■ 92.6563, 0.2969,
0.3246

■ 95.4007, 0.2970,
0.3290

Harmonies

Analogous

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



60.7925, 0.4001, 0.3714



60.7925, 0.3816, 0.3988



60.7925, 0.3450, 0.4086

Triad

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



60.7925, 0.3816, 0.3988



60.7925, 0.2379, 0.3128



60.7925, 0.3195, 0.2749

Complementary

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



60.7925, 0.3816, 0.3988



38.8733, 0.2466, 0.2472

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.



60.7925, 0.2768, 0.2598



60.7925, 0.3816, 0.3988



60.7925, 0.2322, 0.2784

Square

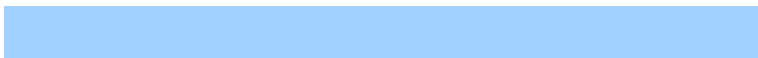
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7925, 0.3816, 0.3988



60.7925, 0.2625, 0.3562



60.7925, 0.2458, 0.2603



60.7925, 0.3632, 0.3022

Rectangle

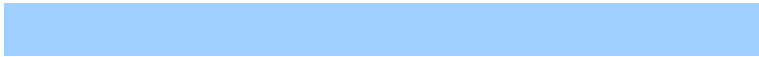
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7925, 0.3816, 0.3988



60.7925, 0.3159, 0.4013



60.7925, 0.2458, 0.2603



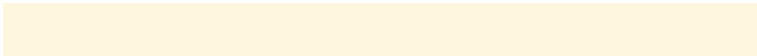
60.7925, 0.3045, 0.2683

Sweetspot

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



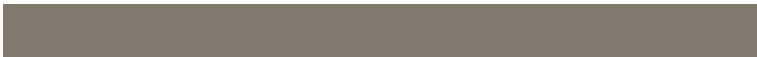
60.7953, 0.3816, 0.3988



92.4012, 0.3318, 0.3499



38.2487, 0.3782, 0.2966



19.6082, 0.3340, 0.3523



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.



60.7953, 0.3816, 0.3988



73.4835, 0.3986, 0.4134



72.0415, 0.3584, 0.4296



16.0401, 0.3275, 0.3453



24.0228, 0.4851, 0.4530



1.9369, 0.4732, 0.4625

Inverse Universe

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



38.8733, 0.2466, 0.2472



41.7061, 0.2312, 0.2256



31.5113, 0.2536, 0.2143



14.5968, 0.2981, 0.3122



5.8885, 0.1614, 0.1010



0.5943, 0.1694, 0.1299

Previews

White Background



This preview shows how the Yxy color 60.7925, 0.3816, 0.3988 looks on a white background.

Color Contrast Check

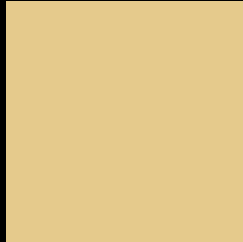
Large Text (above 18pt) WCAG AA × Fail

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 60.7925, 0.3816, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

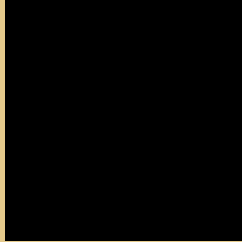
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7925, 0.3816, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 60.7925, 0.3816, 0.3988.



This preview shows how white text looks on a background with the Yxy color 60.7925, 0.3816, 0.3988.

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

60.7925, 0.3816, 0.3988

Protanopia

60.9579, 0.3729, 0.4026

Deuteranopia

60.6360, 0.3962, 0.3884



Tritanopia

60.5269, 0.3362, 0.3128

Trichromacy



Original Color

60.7925, 0.3816, 0.3988

Protanomaly

60.9561, 0.3758, 0.4009

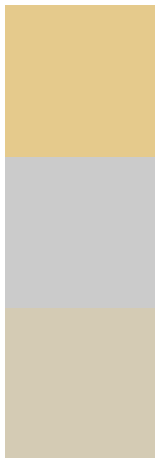
Deuteranomaly

60.6620, 0.3910, 0.3914

Tritanomaly

60.2224, 0.3531, 0.3436

Monochromacy



Original Color

60.7925, 0.3816, 0.3988

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.0042, 0.3367, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7925, 0.3816, 0.3988 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(229, 202, 140)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 140)  
}
```

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(229, 202, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 140) }
```

Border

The CSS property to change the border of an element to Yxy 60.7925, 0.3816, 0.3988 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(229, 202, 140) }
```

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

```
.border{ border-color:rgb(229, 202, 140) }
```

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

Here you see how a box with a 4 pixel rgb(229, 202, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 140);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7925, 0.3816, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 140) }
```

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

```
.background{ background-color: rgb(229,  
202, 140) }
```

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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