

Converting Colors

Yxy(60.5749, 0.3781, 0.3906)

Have a look what the booklet for
Yxy(60.5749, 0.3781, 0.3906)
contains.

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Color

Yxy(60.6716, 0.3783, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	E6C992
RGB	230, 201, 146
RGB Percent	90%, 79%, 57%
CMY	0.0979, 0.2118, 0.4273
CMYK	0.00, 0.13, 0.37, 0.10
HSL	39°, 63%, 74%
HSV	39°, 37%, 90%
XYZ	58.7160, 60.6716, 35.8225
YIQ	203.4010, 34.9390, -10.9570

Conversions

Conversions Part 2

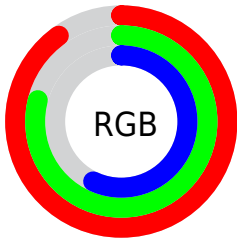
Format	Color
R _Y B	190, 230, 146
Decimal	15124882
CIE Lab	82.20, 2.55, 31.24
CIE LCh	82, 31.349, 85.330
Yxy	60.6716, 0.3783, 0.3909
Android (android.graphics.Color)	4293314962 (0xFFE6C992)
YUV	203.4010, -28.2987, 23.3273
Hunter-Lab	77.8920, -1.7554, 27.2569

Details

The Yxy color $60.6716, 0.3783, 0.3909$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $42.5127, 0.2516, 0.2578$, and the grayscale version is $60.1557, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9501, 0.3454, 0.3830$, and $30.5779, 0.3940, 0.4052$ is the 20% darker color. If you saturate the color by 10%, you get $56.4176, 0.3994, 0.4075$, and if you desaturate by 10%, it is $65.2671, 0.3583, 0.3736$.

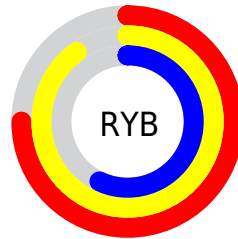
Distribution



Red (90%)

Green (79%)

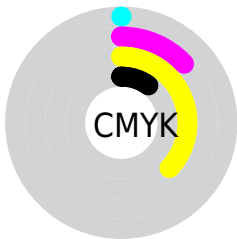
Blue (57%)



Red (75%)

Yellow (90%)

Blue (57%)

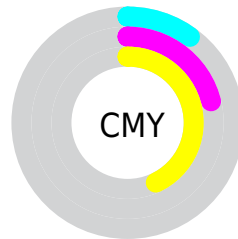


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6716, 0.3783, 0.3909 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 60.6716, 0.3783, 0.3909 by changing the saturation by 10% instead.


 60.6716, 0.3783,
0.3909


 60.6716, 0.3783,
0.3909


427.0689, 0.3472,
0.3619

 43.9602, 0.3854,
0.3975


 105.8033, 0.3675,
0.3808

 30.6392, 0.3943,
0.4055


 134.9924, 0.3633,
0.3769

 20.3243, 0.4053,
0.4155

169.1095, 0.3596,
0.3736

 12.6310, 0.4195,
0.4282

208.5389, 0.3565,
0.3706

 7.1749, 0.4381,
0.4443

253.6652, 0.3538,
0.3680

 3.5717, 0.4666,
0.4688

304.8727, 0.3513,

 1.4370, 0.5029,

0.3658

0.4971

362.5458, 0.3492,
0.3637

0.2438, 0.5467,
0.4533

0.0000, 0.0000,
0.0000

60.6716, 0.3783,
0.3909

60.6716, 0.3783,
0.3909

56.4176, 0.3994,
0.4075

65.2671, 0.3583,
0.3736

52.4852, 0.4211,
0.4225

70.2064, 0.3397,
0.3563

48.8646, 0.4423,
0.4346

75.5026, 0.3228,
0.3395

45.5418, 0.4621,
0.4428

81.1651, 0.3076,
0.3236

■ 42.5011, 0.4794,
0.4461

■ 86.8077, 0.2975,
0.3146

■ 39.7233, 0.4935,
0.4442

■ 91.6111, 0.2975,
0.3227

■ 38.8070, 0.4979,
0.4429

■ 95.5672, 0.2976,
0.3290

Harmonies

Analogous

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



60.6716, 0.3927, 0.3651



60.6716, 0.3783, 0.3909



60.6716, 0.3464, 0.4014

Triad

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



60.6716, 0.3783, 0.3909



60.6716, 0.2458, 0.3184



60.6716, 0.3148, 0.2774

Complementary

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



60.6716, 0.3783, 0.3909



42.5127, 0.2516, 0.2578

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.



60.6716, 0.2764, 0.2648



60.6716, 0.3783, 0.3909



60.6716, 0.2386, 0.2856

Square

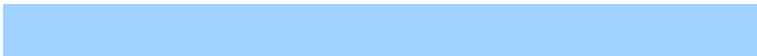
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.6716, 0.3783, 0.3909



60.6716, 0.2701, 0.3577



60.6716, 0.2494, 0.2672



60.6716, 0.3549, 0.3016

Rectangle

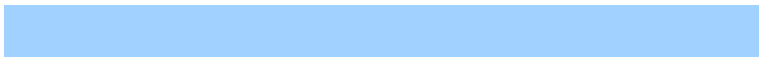
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.6716, 0.3783, 0.3909



60.6716, 0.3201, 0.3961



60.6716, 0.2494, 0.2672



60.6716, 0.3012, 0.2717

Sweetspot

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



60.6744, 0.3783, 0.3909



92.2929, 0.3303, 0.3470



40.5068, 0.3697, 0.2954



19.5595, 0.3326, 0.3493



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.



60.6744, 0.3783, 0.3909



72.4620, 0.3946, 0.4039



73.5011, 0.3580, 0.4228



15.9345, 0.3276, 0.3443



22.2016, 0.4963, 0.4441



1.8123, 0.4822, 0.4553

Inverse Universe

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



42.5127, 0.2516, 0.2578



46.3256, 0.2377, 0.2395



33.6154, 0.2557, 0.2215



14.6976, 0.2981, 0.3132



6.6466, 0.1643, 0.1115



0.6596, 0.1725, 0.1408

Previews

White Background



This preview shows how the Yxy color 60.6716, 0.3783, 0.3909 looks on a white background.

Color Contrast Check

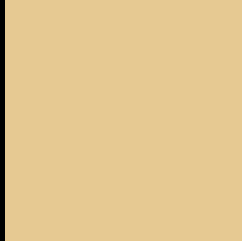
Large Text (above 18pt) WCAG AA × Fail

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 60.6716, 0.3783, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

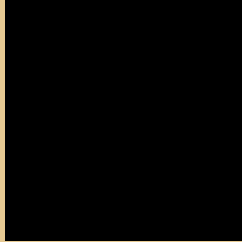
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6716, 0.3783, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 60.6716, 0.3783, 0.3909.



This preview shows how white text looks on a background with the Yxy color 60.6716, 0.3783, 0.3909.

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

60.6716, 0.3783, 0.3909

Protanopia

60.5080, 0.3680, 0.3950

Deuteranopia

60.6411, 0.3906, 0.3822



Tritanopia

60.6985, 0.3370, 0.3128

Trichromacy



Original Color

60.6716, 0.3783, 0.3909

Protanomaly

60.6657, 0.3717, 0.3931

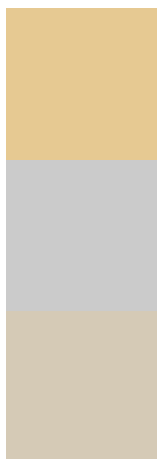
Deuteranomaly

60.6719, 0.3855, 0.3852

Tritanomaly

60.4751, 0.3523, 0.3413

Monochromacy



Original Color

60.6716, 0.3783, 0.3909

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7646, 0.3362, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6716, 0.3783, 0.3909 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(230, 201, 146)` looks like.

```
.text, #text, p{  
    color:rgb(230, 201, 146)  
}
```

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(230, 201, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 201, 146) }
```

Border

The CSS property to change the border of an element to Yxy 60.6716, 0.3783, 0.3909 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(230, 201, 146) }
```

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

```
.border{ border-color:rgb(230, 201, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 201, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 201, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 201, 146);  
box-shadow:4px 4px 4px 4px rgb(230, 201,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6716, 0.3783, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 201, 146) }
```

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

```
.background{ background-color: rgb(230,  
201, 146) }
```

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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