

Converting Colors

$Yxy(65.9859, 0.3708, 0.3885)$

Have a look what the booklet for
Yxy(65.9859, 0.3708, 0.3885)
contains.

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Color

Yxy(65.9859, 0.3708, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	EAD29C
RGB	234, 210, 156
RGB Percent	92%, 82%, 61%
CMY	0.0824, 0.1764, 0.3881
CMYK	0.00, 0.10, 0.33, 0.08
HSL	42°, 65%, 76%
HSV	42°, 33%, 92%
XYZ	62.9796, 65.9859, 40.8824
YIQ	211.0200, 31.6380, -11.7060

Conversions

Conversions Part 2

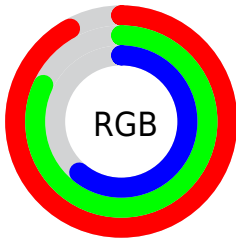
Format	Color
RYB	191, 234, 156
Decimal	15389340
CIELab	84.99, 0.61, 29.83
CIElCh	85, 29.840, 88.838
Yxy	65.9859, 0.3708, 0.3885
Android (android.graphics.Color)	4293579420 (0xFFEAD29C)
YUV	211.0200, -27.1249, 20.1535
Hunter-Lab	81.2317, -3.7630, 27.0227

Details

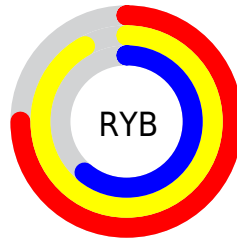
The Yxy color **65.9859, 0.3708, 0.3885** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6614, 0.2568, 0.2612**, and the grayscale version is **65.3250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **34.1235, 0.3843, 0.4033** is the 20% darker color. If you saturate the color by 10%, you get **61.7951, 0.3909, 0.4063**, and if you desaturate by 10%, it is **70.4954, 0.3517, 0.3702**.

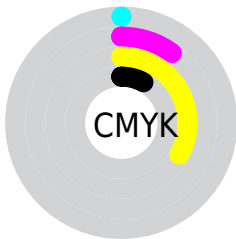
Distribution



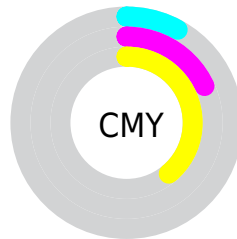
- Red (92%)
- Green (82%)
- Blue (61%)



- Red (75%)
- Yellow (92%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (8%)




- Cyan (8%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9859, 0.3708, 0.3885 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 65.9859, 0.3708, 0.3885 by changing the saturation by 10% instead.


 65.9859, 0.3708,
0.3885


 65.9859, 0.3708,
0.3885


446.3265, 0.3437,
0.3608

 48.2610, 0.3770,
0.3948


 113.4661, 0.3614,
0.3789

 34.0336, 0.3845,
0.4024


 143.9901, 0.3578,
0.3752

 22.9194, 0.3939,
0.4120


179.5493, 0.3546,
0.3720

 14.5340, 0.4060,
0.4242

220.5281, 0.3519,
0.3692

 8.4930, 0.4218,
0.4401

267.3108, 0.3494,
0.3667

 4.4120, 0.4425,
0.4608

320.2818, 0.3473,

 1.9066, 0.4907,

0.3645

0.5093

379.8256, 0.3454,
0.3626

0.5523, 0.4942,
0.5058

0.0000, 0.0000,
0.0000

65.9859, 0.3708,
0.3885

65.9859, 0.3708,
0.3885

61.7951, 0.3909,
0.4063

70.4954, 0.3517,
0.3702

57.9031, 0.4114,
0.4227

75.3246, 0.3340,
0.3521

54.3011, 0.4315,
0.4365

80.4862, 0.3178,
0.3346

50.9760, 0.4503,
0.4467

85.9891, 0.3031,
0.3181

■ 47.9131, 0.4667,
0.4524

■ 90.6258, 0.2999,
0.3200

■ 45.0948, 0.4802,
0.4529

■ 95.0911, 0.2999,
0.3272

■ 43.3311, 0.4876,
0.4510

■ 96.2315, 0.2999,
0.3290

Harmonies

Analogous

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



65.9859, 0.3863, 0.3661



65.9859, 0.3708, 0.3885



65.9859, 0.3399, 0.3956

Triad

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



65.9859, 0.3708, 0.3885



65.9859, 0.2489, 0.3153



65.9859, 0.3192, 0.2831

Complementary

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



65.9859, 0.3708, 0.3885



45.6614, 0.2568, 0.2612

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.



65.9859, 0.2829, 0.2699



65.9859, 0.3708, 0.3885



65.9859, 0.2441, 0.2862

Square

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



65.9859, 0.3708, 0.3885



65.9859, 0.2699, 0.3514



65.9859, 0.2561, 0.2705



65.9859, 0.3557, 0.3068

Rectangle

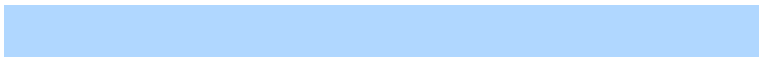
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9859, 0.3708, 0.3885



65.9859, 0.3153, 0.3889



65.9859, 0.2561, 0.2705



65.9859, 0.3066, 0.2773

Sweetspot

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



65.9889, 0.3708, 0.3885



93.5608, 0.3285, 0.3463



44.6034, 0.3656, 0.3013



19.8393, 0.3308, 0.3488



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.



65.9889, 0.3708, 0.3885



76.6649, 0.3845, 0.4008



76.4129, 0.3523, 0.4152



16.7994, 0.3275, 0.3452



24.5840, 0.4863, 0.4521



2.0996, 0.4748, 0.4612

Inverse Universe

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



45.6614, 0.2568, 0.2612



48.4331, 0.2442, 0.2443



38.3096, 0.2635, 0.2327



15.3049, 0.2980, 0.3122



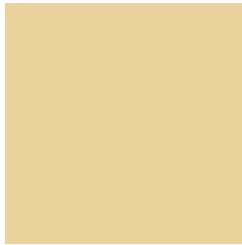
6.1383, 0.1616, 0.1018



0.6470, 0.1692, 0.1291

Previews

White Background



This preview shows how the Yxy color 65.9859, 0.3708, 0.3885 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 65.9859, 0.3708, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

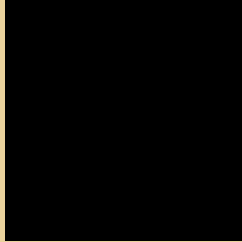
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9859, 0.3708, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 65.9859, 0.3708, 0.3885.



This preview shows how white text looks on a background with the Yxy color 65.9859, 0.3708, 0.3885.

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

65.9859, 0.3708, 0.3885

Protanopia

66.0153, 0.3646, 0.3905

Deuteranopia

66.1293, 0.3862, 0.3785



Tritanopia

66.0038, 0.3313, 0.3122

Trichromacy



Original Color

65.9859, 0.3708, 0.3885

Protanomaly

65.8458, 0.3665, 0.3892

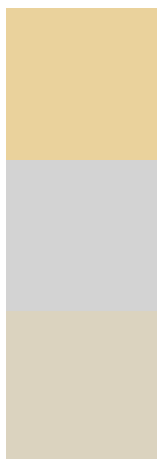
Deuteranomaly

65.9894, 0.3805, 0.3815

Tritanomaly

65.7799, 0.3459, 0.3399

Monochromacy



Original Color

65.9859, 0.3708, 0.3885

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4102, 0.3329, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9859, 0.3708, 0.3885 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(234, 210, 156)` looks like.

```
.text, #text, p{  
    color:rgb(234, 210, 156)  
}
```

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(234, 210, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 210, 156) }
```

Border

The CSS property to change the border of an element to Yxy 65.9859, 0.3708, 0.3885 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(234, 210, 156) }
```

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

```
.border{ border-color:rgb(234, 210, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 210, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 210, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 210, 156);  
box-shadow:4px 4px 4px 4px rgb(234, 210,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9859, 0.3708, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 210, 156) }
```

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

```
.background{ background-color: rgb(234,  
210, 156) }
```

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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