

Converting Colors

$Yxy(65.7808, 0.3802, 0.3930)$

Have a look what the booklet for
Yxy(65.7808, 0.3802, 0.3930)
contains.

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Color

Yxy(65.6324, 0.3808, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	EFD095
RGB	239, 208, 149
RGB Percent	94%, 82%, 58%
CMY	0.0627, 0.1843, 0.4157
CMYK	0.00, 0.13, 0.38, 0.06
HSL	39°, 74%, 76%
HSV	39°, 38%, 94%
XYZ	63.5788, 65.6324, 37.7499
YIQ	210.5430, 37.4150, -11.7770

Conversions

Conversions Part 2

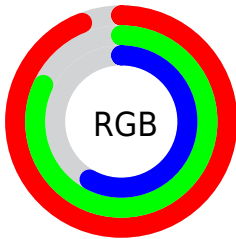
Format	Color
R _{YB}	196, 239, 149
Decimal	15716501
CIE _{Lab}	84.81, 2.76, 33.31
CIE _{LCh}	85, 33.420, 85.259
Yxy	65.6324, 0.3808, 0.3931
Android (android.graphics.Color)	4293906581 (0xFFEFD095)
YUV	210.5430, -30.3407, 24.9568
Hunter-Lab	81.0138, -1.6893, 29.0824

Details

The Yxy color **65.6324, 0.3808, 0.3931** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2651, 0.2494, 0.2548**, and the grayscale version is **65.0116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **33.9194, 0.3975, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **61.0378, 0.4021, 0.4096**, and if you desaturate by 10%, it is **70.5981, 0.3606, 0.3757**.

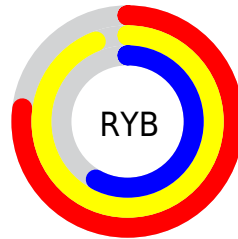
Distribution



Red (94%)

Green (82%)

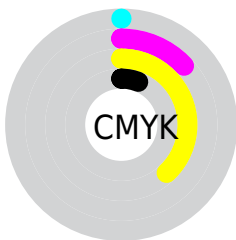
Blue (58%)



Red (77%)

Yellow (94%)

Blue (58%)

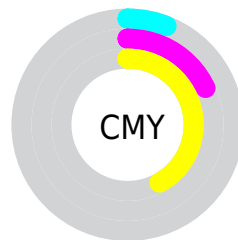


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (6%)



Cyan (6%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6324, 0.3808, 0.3931 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 65.6324, 0.3808, 0.3931 by changing the saturation by 10% instead.


 65.6324, 0.3808,
0.3931

 65.6324, 0.3808,
0.3931


445.0611, 0.3490,
0.3636

 47.9741, 0.3880,
0.3997


 112.9586, 0.3698,
0.3830

 33.8063, 0.3968,
0.4077


 143.3952, 0.3655,
0.3790

 22.7449, 0.4077,
0.4175


178.8600, 0.3618,
0.3755

 14.4052, 0.4216,
0.4298

219.7374, 0.3586,
0.3725

 8.4030, 0.4394,
0.4452

266.4118, 0.3558,
0.3699

 4.3539, 0.4637,
0.4656

319.2677, 0.3533,

 1.8734, 0.5027,

0.3675

0.4973

378.6893, 0.3510,
0.3654

0.5323, 0.5186,
0.4814

0.0000, 0.0000,
0.0000

65.6324, 0.3808,
0.3931

65.6324, 0.3808,
0.3931

61.0378, 0.4021,
0.4096

70.5981, 0.3606,
0.3757

56.7925, 0.4237,
0.4243

75.9377, 0.3418,
0.3583

52.8855, 0.4448,
0.4361

81.6653, 0.3247,
0.3414

49.3014, 0.4644,
0.4437

87.7916, 0.3093,
0.3253

■ 46.0225, 0.4812,
0.4464

■ 93.4261, 0.3030,
0.3232

■ 43.0262, 0.4948,
0.4439

■ 97.0919, 0.3029,
0.3290

■ 42.3583, 0.4978,
0.4430

Harmonies

Analogous

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



65.6324, 0.3958, 0.3662



65.6324, 0.3808, 0.3931



65.6324, 0.3476, 0.4042

Triad

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



65.6324, 0.3808, 0.3931



65.6324, 0.2434, 0.3180



65.6324, 0.3147, 0.2755

Complementary

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



65.6324, 0.3808, 0.3931



45.2651, 0.2494, 0.2548

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.



65.6324, 0.2750, 0.2626



65.6324, 0.3808, 0.3931



65.6324, 0.2359, 0.2840

Square

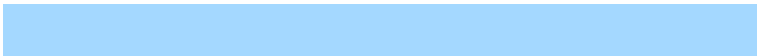
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6324, 0.3808, 0.3931



65.6324, 0.2686, 0.3589



65.6324, 0.2470, 0.2649



65.6324, 0.3565, 0.3005

Rectangle

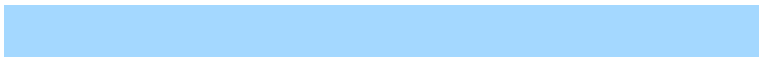
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6324, 0.3808, 0.3931



65.6324, 0.3203, 0.3989



65.6324, 0.2470, 0.2649



65.6324, 0.3006, 0.2697

Sweetspot

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



65.6354, 0.3808, 0.3931



92.3130, 0.3303, 0.3471



43.1623, 0.3724, 0.2942



19.5643, 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.



65.6354, 0.3808, 0.3931



72.0039, 0.3967, 0.4056



79.9957, 0.3594, 0.4259



17.4889, 0.3277, 0.3444



23.6607, 0.4962, 0.4442



2.1529, 0.4835, 0.4543

Inverse Universe

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



45.2651, 0.2494, 0.2548



45.3690, 0.2359, 0.2369



35.4609, 0.2534, 0.2174



16.1189, 0.2980, 0.3131



7.0256, 0.1641, 0.1109



0.7633, 0.1714, 0.1371

Previews

White Background



This preview shows how the Yxy color 65.6324, 0.3808, 0.3931 looks on a white background.

Color Contrast Check

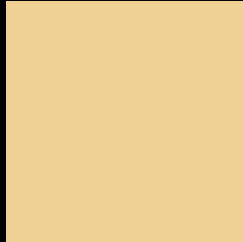
Large Text (above 18pt) WCAG AA × Fail

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 65.6324, 0.3808, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

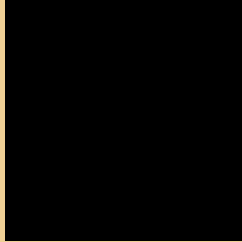
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6324, 0.3808, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 65.6324, 0.3808, 0.3931.



This preview shows how white text looks on a background with the Yxy color 65.6324, 0.3808, 0.3931.

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

65.6324, 0.3808, 0.3931

Protanopia

65.8153, 0.3689, 0.3972

Deuteranopia

65.6093, 0.3928, 0.3846



Tritanopia

65.3460, 0.3379, 0.3123

Trichromacy



Original Color

65.6324, 0.3808, 0.3931

Protanomaly

65.9463, 0.3732, 0.3965

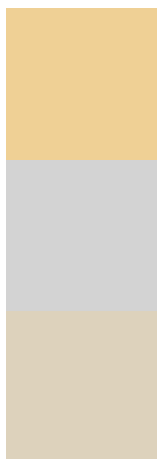
Deuteranomaly

65.6388, 0.3878, 0.3875

Tritanomaly

65.0573, 0.3536, 0.3409

Monochromacy



Original Color

65.6324, 0.3808, 0.3931

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0962, 0.3368, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6324, 0.3808, 0.3931 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(239, 208, 149)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 149)  
}
```

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(239, 208, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 149) }
```

Border

The CSS property to change the border of an element to Yxy 65.6324, 0.3808, 0.3931 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(239, 208, 149) }
```

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

```
.border{ border-color:rgb(239, 208, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 149);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6324, 0.3808, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 149) }
```

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

```
.background{ background-color: rgb(239,  
208, 149) }
```

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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