

Converting Colors

$Y_{xy}(74.3962, 0.3513, 0.3815)$

Have a look what the booklet for
Yxy(74.3962, 0.3513, 0.3815)
contains.

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Color

Yxy(74.3484, 0.3508, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1B1
RGB	233, 225, 177
RGB Percent	91%, 88%, 69%
CMY	0.0864, 0.1176, 0.3059
CMYK	0.00, 0.03, 0.24, 0.09
HSL	51°, 56%, 80%
HSV	51°, 24%, 91%
XYZ	68.4552, 74.3484, 52.3366
YIQ	221.9200, 20.1760, -13.2320

Conversions

Conversions Part 2

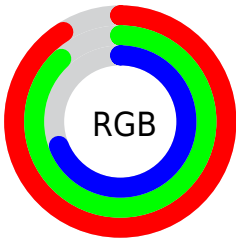
Format	Color
RYB	186, 233, 177
Decimal	15327665
CIELab	89.09, -4.77, 24.52
CIELCh	89, 24.977, 101.018
Yxy	74.3484, 0.3508, 0.3810
Android (android.graphics.Color)	4293517745 (0xFFE9E1B1)
YUV	221.9200, -22.1456, 9.7172
Hunter-Lab	86.2255, -9.1820, 24.3704

Details

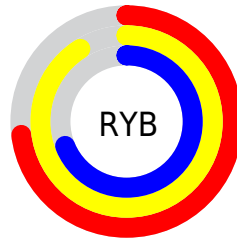
The Yxy color **74.3484, 0.3508, 0.3810** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9009, 0.2725, 0.2710**, and the grayscale version is **73.1344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **39.5518, 0.3597, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **71.7304, 0.3676, 0.4029**, and if you desaturate by 10%, it is **77.1663, 0.3344, 0.3589**.

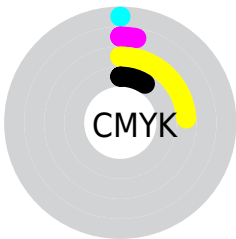
Distribution



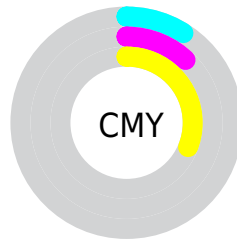
- Red (91%)
- Green (88%)
- Blue (69%)



- Red (73%)
- Yellow (91%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (9%)




- Cyan (9%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3484, 0.3508, 0.3810 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 74.3484, 0.3508, 0.3810 by changing the saturation by 10% instead.

 74.3484, 0.3508,
0.3810

 74.3484, 0.3508,
0.3810


475.6749, 0.3335,
0.3569

 55.0792, 0.3547,
0.3865

 125.3896, 0.3449,
0.3726

 39.4652, 0.3594,
0.3932


157.9304, 0.3425,
0.3694

 27.1218, 0.3652,
0.4018


195.6638, 0.3405,
0.3666

 17.6647, 0.3727,
0.4128

238.9743, 0.3387,
0.3641

 10.7095, 0.3824,
0.4276

288.2463, 0.3372,
0.3620

 5.8719, 0.3953,
0.4481

343.8642, 0.3358,

 2.7673, 0.4160,

0.3601

0.4819

406.2122, 0.3346,
0.3584

■ 1.0115, 0.4536,
0.5464

■ 0.0000, 0.0000,
0.0000

■ 74.3484, 0.3508,
0.3810

■ 74.3484, 0.3508,
0.3810

■ 71.7304, 0.3676,
0.4029

■ 77.1663, 0.3344,
0.3589

■ 69.2940, 0.3844,
0.4240

■ 80.1817, 0.3187,
0.3374

■ 67.0336, 0.4004,
0.4431

■ 83.4051, 0.3041,
0.3168

■ 64.9393, 0.4149,
0.4592

■ 85.8264, 0.2993,
0.3122

63.0000, 0.4274,
0.4716

87.7716, 0.2993,
0.3155

61.2031, 0.4372,
0.4795

89.7524, 0.2993,
0.3188

59.5329, 0.4441,
0.4828

91.7688, 0.2993,
0.3222

58.5805, 0.4472,
0.4831

93.8212, 0.2993,
0.3255

95.9097, 0.2993,
0.3287

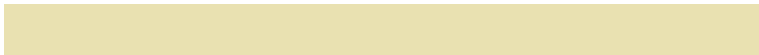
Harmonies

Analogous

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



74.3484, 0.3688, 0.3678



74.3484, 0.3508, 0.3810



74.3484, 0.3231, 0.3796

Triad

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



74.3484, 0.3508, 0.3810



74.3484, 0.2576, 0.3078



74.3484, 0.3306, 0.2986

Complementary

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



74.3484, 0.3508, 0.3810



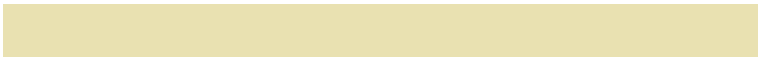
49.9009, 0.2725, 0.2710

Split Complementary

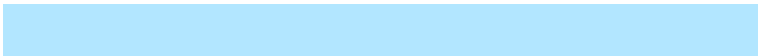
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3484, 0.3002, 0.2839



74.3484, 0.3508, 0.3810



74.3484, 0.2592, 0.2880

Square

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



74.3484, 0.3508, 0.3810



74.3484, 0.2698, 0.3354



74.3484, 0.2744, 0.2798



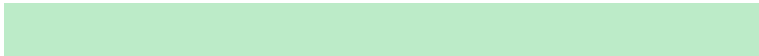
74.3484, 0.3570, 0.3207

Rectangle

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



74.3484, 0.3508, 0.3810



74.3484, 0.3030, 0.3698



74.3484, 0.2744, 0.2798



74.3484, 0.3204, 0.2927

Sweetspot

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



74.3517, 0.3508, 0.3810



97.2978, 0.3233, 0.3438



52.2805, 0.3553, 0.3197



20.7771, 0.3243, 0.3451



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

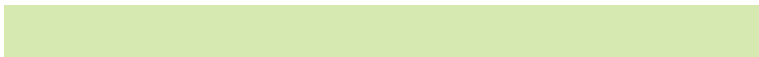
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3517, 0.3508, 0.3810



89.6050, 0.3594, 0.3923



75.6312, 0.3347, 0.3918



17.2413, 0.3271, 0.3490



33.3924, 0.4467, 0.4835



2.7221, 0.4423, 0.4870

Inverse Universe

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



49.9009, 0.2725, 0.2710



54.5488, 0.2628, 0.2566



49.1396, 0.2865, 0.2639



14.8937, 0.2980, 0.3081



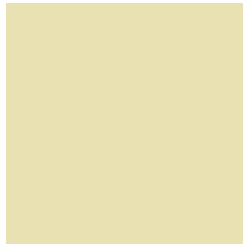
4.0634, 0.1532, 0.0715



0.4271, 0.1589, 0.0920

Previews

White Background



This preview shows how the Yxy color 74.3484, 0.3508, 0.3810 looks on a white background.

Color Contrast Check

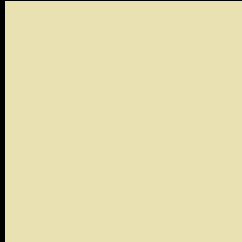
Large Text (above 18pt) WCAG AA × Fail

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 74.3484, 0.3508, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

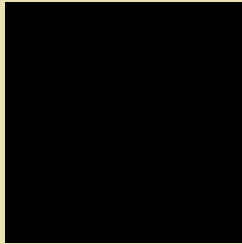
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

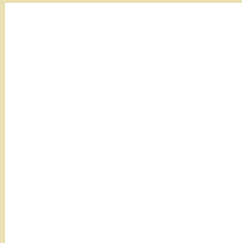
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3484, 0.3508, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 74.3484, 0.3508, 0.3810.



This preview shows how white text looks on a background with the Yxy color 74.3484, 0.3508, 0.3810.

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

74.3484, 0.3508, 0.3810

Protanopia

74.0871, 0.3558, 0.3794

Deuteranopia

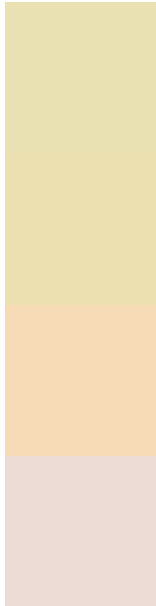
73.9596, 0.3628, 0.3589



Tritanopia

74.0915, 0.3178, 0.3115

Trichromacy



Original Color

74.3484, 0.3508, 0.3810

Protanomaly

74.2788, 0.3540, 0.3807

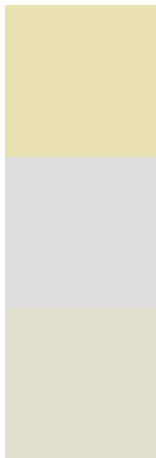
Deuteranomaly

73.8561, 0.3588, 0.3668

Tritanomaly

73.9950, 0.3298, 0.3364

Monochromacy



Original Color

74.3484, 0.3508, 0.3810

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4003, 0.3262, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3484, 0.3508, 0.3810 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(233, 225, 177)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 177)  
}
```

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(233, 225, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 177) }
```

Border

The CSS property to change the border of an element to Yxy 74.3484, 0.3508, 0.3810 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(233, 225, 177) }
```

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

```
.border{ border-color:rgb(233, 225, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 177);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3484, 0.3508, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 177) }
```

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

```
.background{ background-color: rgb(233,  
225, 177) }
```

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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