

Converting Colors

$Yxy(74.3098, 0.3663, 0.4089)$

Have a look what the booklet for
Yxy(74.3098, 0.3663, 0.4089)
contains.

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Color

Yxy(74.5617, 0.3664, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	E9E399
RGB	233, 227, 153
RGB Percent	91%, 89%, 60%
CMY	0.0862, 0.1098, 0.4000
CMYK	0.00, 0.03, 0.34, 0.09
HSL	55°, 65%, 76%
HSV	55°, 34%, 91%
XYZ	66.8283, 74.5617, 41.0016
YIQ	220.3580, 27.3300, -21.7420

Conversions

Conversions Part 2

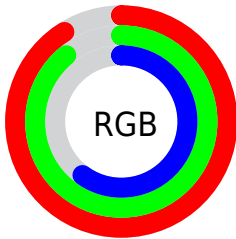
Format	Color
R_{YB}	159, 233, 153
Decimal	15328153
CIE _{Lab}	89.19, -8.79, 36.93
CIE _{LCh}	89, 37.963, 103.381
Yxy	74.5617, 0.3664, 0.4088
Android (android.graphics.Color)	4293518233 (0xFFE9E399)
YUV	220.3580, -33.2075, 11.0870
Hunter-Lab	86.3491, -12.9642, 32.2914

Details

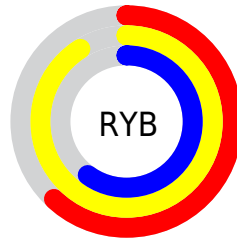
The Yxy color **74.5617, 0.3664, 0.4088** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4579, 0.2517, 0.2342**, and the grayscale version is **72.0590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **39.6747, 0.3772, 0.4275** is the 20% darker color. If you saturate the color by 10%, you get **72.9140, 0.3819, 0.4309**, and if you desaturate by 10%, it is **76.3763, 0.3504, 0.3855**.

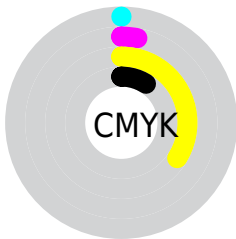
Distribution



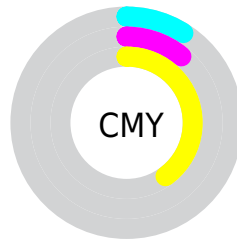
- Red (91%)
- Green (89%)
- Blue (60%)



- Red (62%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5617, 0.3664, 0.4088 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 74.5617, 0.3664, 0.4088 by changing the saturation by 10% instead.


 74.5617, 0.3664,
0.4088

 74.5617, 0.3664,
0.4088


476.4097, 0.3425,
0.3718

 55.2539, 0.3715,
0.4171

 125.6917, 0.3584,
0.3961

 39.6050, 0.3776,
0.4272


 158.2828, 0.3551,
0.3911

 27.2307, 0.3850,
0.4399


196.0703, 0.3523,
0.3868

 17.7466, 0.3939,
0.4559

239.4388, 0.3499,
0.3830

 10.7682, 0.4046,
0.4766

288.7725, 0.3477,
0.3797

 5.9112, 0.4167,
0.5035

344.4560, 0.3458,

 2.7912, 0.4428,

0.3768

0.5572

406.8736, 0.3440,
0.3742

■ 1.0237, 0.4236,
0.5764

■ 0.0000, 0.0000,
0.0000

■ 74.5617, 0.3664,
0.4088

■ 74.5617, 0.3664,
0.4088

■ 72.9140, 0.3819,
0.4309

■ 76.3763, 0.3504,
0.3855

■ 71.4143, 0.3962,
0.4509

■ 78.3557, 0.3346,
0.3619

■ 70.0561, 0.4088,
0.4677

■ 80.5109, 0.3192,
0.3388

■ 68.8285, 0.4191,
0.4806

■ 82.8490, 0.3046,
0.3166

67.7189, 0.4266,
0.4891

84.4068, 0.2993,
0.3096

66.7118, 0.4315,
0.4932

85.4207, 0.2993,
0.3114

66.1740, 0.4333,
0.4941

86.4446, 0.2993,
0.3132

87.4785, 0.2993,
0.3150

88.5223, 0.2993,
0.3168

Harmonies

Analogous

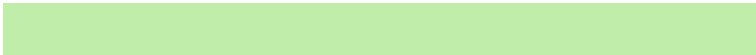
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5617, 0.3960, 0.3881



74.5617, 0.3664, 0.4088



74.5617, 0.3236, 0.4066

Triad

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



74.5617, 0.3664, 0.4088



74.5617, 0.2304, 0.2927



74.5617, 0.3429, 0.2862

Complementary

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



74.5617, 0.3664, 0.4088



37.4579, 0.2517, 0.2342

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.



74.5617, 0.2966, 0.2639



74.5617, 0.3664, 0.4088



74.5617, 0.2346, 0.2654

Square

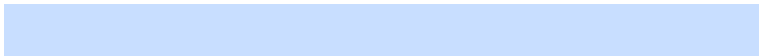
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5617, 0.3664, 0.4088



74.5617, 0.2462, 0.3343



74.5617, 0.2578, 0.2561



74.5617, 0.3828, 0.3184

Rectangle

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



74.5617, 0.3664, 0.4088



74.5617, 0.2937, 0.3902



74.5617, 0.2578, 0.2561



74.5617, 0.3274, 0.2774

Sweetspot

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



74.5651, 0.3664, 0.4088



97.2463, 0.3279, 0.3519



42.6334, 0.3871, 0.3216



20.7357, 0.3301, 0.3552



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.



74.5651, 0.3664, 0.4088



90.0769, 0.3771, 0.4242



72.8263, 0.3398, 0.4220



17.4215, 0.3270, 0.3506



37.6212, 0.4331, 0.4943



3.0121, 0.4310, 0.4960

Inverse Universe

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



37.4579, 0.2517, 0.2342



38.3102, 0.2375, 0.2116



39.1456, 0.2767, 0.2333



14.7310, 0.2980, 0.3065



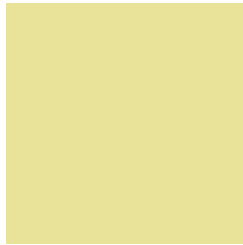
3.6425, 0.1514, 0.0649



0.3497, 0.1549, 0.0775

Previews

White Background



This preview shows how the Yxy color 74.5617, 0.3664, 0.4088 looks on a white background.

Color Contrast Check

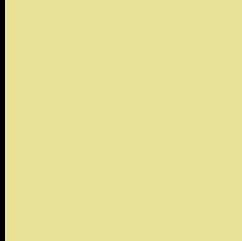
Large Text (above 18pt) WCAG AA × Fail

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 74.5617, 0.3664, 0.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

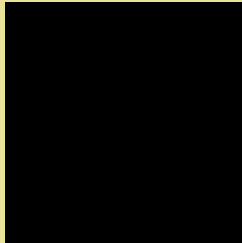
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

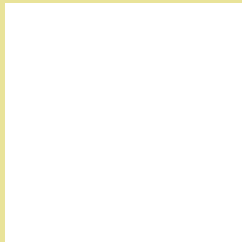
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5617, 0.3664, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 74.5617, 0.3664, 0.4088.



This preview shows how white text looks on a background with the Yxy color 74.5617, 0.3664, 0.4088.

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

74.5617, 0.3664, 0.4088

Protanopia

74.6330, 0.3758, 0.4048

Deuteranopia

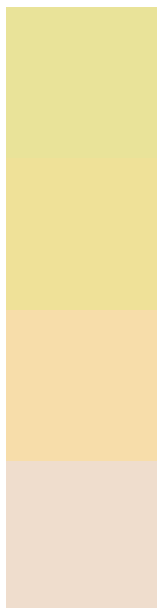
74.1810, 0.3677, 0.3671



Tritanopia

74.6209, 0.3200, 0.3116

Trichromacy



Original Color

74.5617, 0.3664, 0.4088

Protanomaly

74.4681, 0.3723, 0.4066

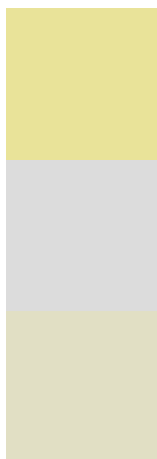
Deuteranomaly

74.3893, 0.3675, 0.3825

Tritanomaly

74.4714, 0.3367, 0.3460

Monochromacy



Original Color

74.5617, 0.3664, 0.4088

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.7684, 0.3322, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5617, 0.3664, 0.4088 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, 227, 153)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 153)  
}
```

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, 227, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 153) }
```

Border

The CSS property to change the border of an element to Yxy 74.5617, 0.3664, 0.4088 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, 227, 153) }
```

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

```
.border{ border-color:rgb(233, 227, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 227, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 227, 153); box-shadow:4px 4px 4px 4px rgb(233, 227, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5617, 0.3664, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 153) }
```

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

```
.background{ background-color: rgb(233,  
227, 153) }
```

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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