

Converting Colors

$Yxy(74.8322, 0.3436, 0.3801)$

Have a look what the booklet for
Yxy(74.8322, 0.3436, 0.3801)
contains.

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Color

Yxy(74.6053, 0.3432, 0.3794)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E3E3B5 |
| RGB | 227, 227, 181 |
| RGB Percent | 89%, 89%, 71% |
| CMY | 0.1098, 0.1098, 0.2903 |
| CMYK | 0.00, 0.00, 0.20, 0.11 |
| HSL | 60°, 45%, 80% |
| HSV | 60°, 20%, 89% |
| XYZ | 67.4869, 74.6053, 54.5480 |
| YIQ | 221.7560, 14.7660, -14.3060 |

Conversions

Conversions Part 2

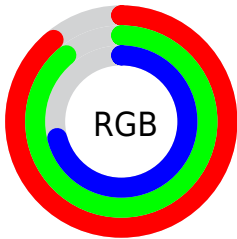
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 181, 227, 181 |
| Decimal | 14934965 |
| CIE _{Lab} | 89.21, -7.42, 22.55 |
| CIE _{LCh} | 89, 23.738, 108.209 |
| Yxy | 74.6053, 0.3432, 0.3794 |
| Android (android.graphics.Color) | 4293125045 (0xFFE3E3B5) |
| YUV | 221.7560, -20.0927, 4.5990 |
| Hunter-Lab | 86.3744, -11.6876, 23.0186 |

Details

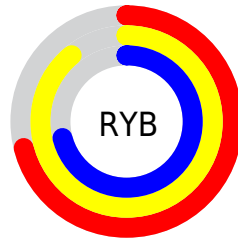
The Yxy color **74.6053, 0.3432, 0.3794** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.4083, 0.2789, 0.2731**, and the grayscale version is **73.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **39.7215, 0.3496, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **73.7512, 0.3583, 0.4044**, and if you desaturate by 10%, it is **75.6179, 0.3280, 0.3542**.

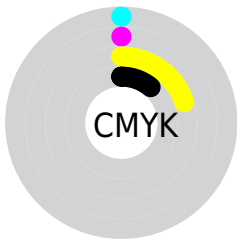
Distribution



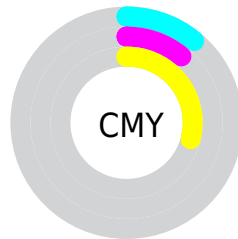
- Red (89%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6053, 0.3432, 0.3794 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 74.6053, 0.3432, 0.3794 by changing the saturation by 10% instead.

 74.6053, 0.3432,
0.3794

 74.6053, 0.3432,
0.3794


476.5598, 0.3294,
0.3559

 55.2896, 0.3463,
0.3848

 125.7535, 0.3385,
0.3712

 39.6336, 0.3500,
0.3915


158.3548, 0.3366,
0.3680

 27.2530, 0.3546,
0.3999


196.1534, 0.3350,
0.3653

 17.7633, 0.3605,
0.4109

239.5337, 0.3336,
0.3629

 10.7802, 0.3681,
0.4259

288.8801, 0.3324,
0.3608

 5.9192, 0.3782,
0.4471


344.5770, 0.3313,

 2.7960, 0.3928,


0.3590


0.4803


407.0088, 0.3303,
0.3574


 1.0262, 0.4343,
0.5657


 0.0000, 0.0000,
0.0000

 74.6053, 0.3432,
0.3794


 74.6053, 0.3432,
0.3794


 73.7512, 0.3583,
0.4044


 75.6179, 0.3280,
0.3542

 73.0382, 0.3728,
0.4284

 76.7858, 0.3131,
0.3297

 72.4618, 0.3861,
0.4504

 78.1189, 0.2989,
0.3062

 72.0131, 0.3976,
0.4694

 78.4945, 0.2954,
0.3003

■ 71.6826, 0.4068,
0.4846

■ 78.4948, 0.2954,
0.3003

■ 71.4590, 0.4135,
0.4956

■ 78.4951, 0.2954,
0.3003

■ 71.3292, 0.4175,
0.5022

■ 78.4955, 0.2954,
0.3003

■ 71.2707, 0.4193,
0.5053

■ 78.4958, 0.2954,
0.3003

■ 78.4961, 0.2954,
0.3003

Harmonies

Analogous

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



74.6053, 0.3630, 0.3700



74.6053, 0.3432, 0.3794



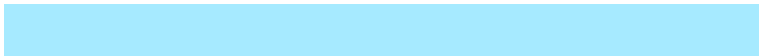
74.6053, 0.3157, 0.3743

Triad

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



74.6053, 0.3432, 0.3794



74.6053, 0.2594, 0.3036



74.6053, 0.3364, 0.3046

Complementary

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



74.6053, 0.3432, 0.3794



48.4083, 0.2789, 0.2731

Split Complementary

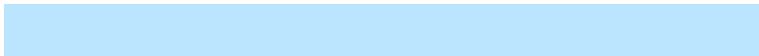
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6053, 0.3077, 0.2886



74.6053, 0.3432, 0.3794



74.6053, 0.2642, 0.2871

Square

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



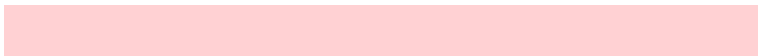
74.6053, 0.3432, 0.3794



74.6053, 0.2680, 0.3286



74.6053, 0.2815, 0.2821



74.6053, 0.3593, 0.3268

Rectangle

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



74.6053, 0.3432, 0.3794



74.6053, 0.2970, 0.3628



74.6053, 0.2815, 0.2821



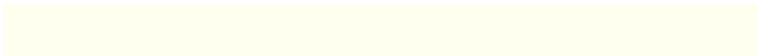
74.6053, 0.3270, 0.2984

Sweetspot

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



74.6086, 0.3432, 0.3794



99.0532, 0.3216, 0.3437



52.7073, 0.3530, 0.3291



21.1804, 0.3226, 0.3453



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.



74.6086, 0.3432, 0.3794



96.6651, 0.3491, 0.3892



71.1138, 0.3263, 0.3822



16.8172, 0.3268, 0.3522



41.5625, 0.4193, 0.5053



3.0713, 0.4193, 0.5053

Inverse Universe

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



48.4083, 0.2789, 0.2731



57.1582, 0.2715, 0.2608



51.4228, 0.2966, 0.2759



13.8873, 0.2980, 0.3047



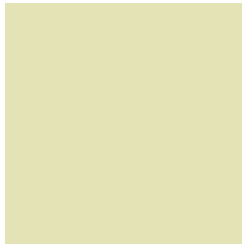
3.2346, 0.1500, 0.0600



0.2390, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 74.6053, 0.3432, 0.3794 looks on a white background.

Color Contrast Check

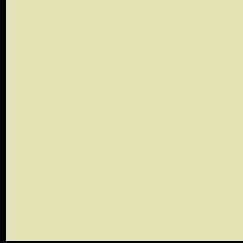
Large Text (above 18pt) WCAG AA × Fail

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 74.6053, 0.3432, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

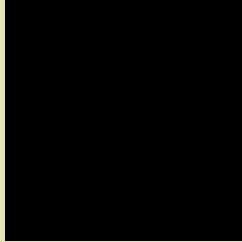
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

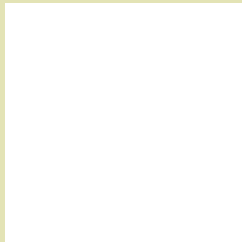
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6053, 0.3432, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 74.6053, 0.3432, 0.3794.

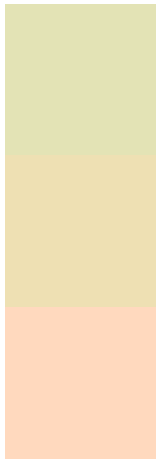


This preview shows how white text looks on a background with the Yxy color 74.6053, 0.3432, 0.3794.

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

74.6053, 0.3432, 0.3794

Protanopia

74.7431, 0.3535, 0.3772

Deuteranopia

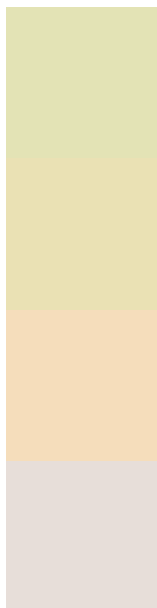
74.6034, 0.3603, 0.3568



Tritanopia

74.2699, 0.3115, 0.3103

Trichromacy



Original Color

74.6053, 0.3432, 0.3794

Protanomaly

74.6381, 0.3495, 0.3776

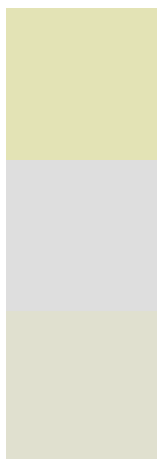
Deuteranomaly

74.7132, 0.3539, 0.3648

Tritanomaly

74.2412, 0.3225, 0.3344

Monochromacy



Original Color

74.6053, 0.3432, 0.3794

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6636, 0.3239, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6053, 0.3432, 0.3794 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(227, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 181)  
}
```

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(227, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 181) }
```

Border

The CSS property to change the border of an element to Yxy 74.6053, 0.3432, 0.3794 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(227, 227, 181) }
```

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

```
.border{ border-color:rgb(227, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6053, 0.3432, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 181) }
```

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

```
.background{ background-color: rgb(227,  
227, 181) }
```

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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