

Converting Colors

$Y_{xy}(74.7038, 0.3430, 0.3563)$

Have a look what the booklet for
Yxy(74.7038, 0.3430, 0.3563)
contains.

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Color

Yxy(74.7533, 0.3436, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	F0DEC4
RGB	240, 222, 196
RGB Percent	94%, 87%, 77%
CMY	0.0587, 0.1294, 0.2314
CMYK	0.00, 0.08, 0.18, 0.06
HSL	35°, 60%, 85%
HSV	35°, 18%, 94%
XYZ	72.0281, 74.7533, 62.8464
YIQ	224.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

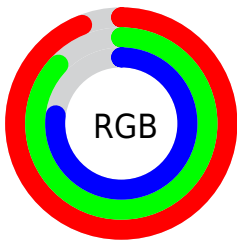
Format	Color
R _Y B	226, 240, 196
Decimal	15785668
CIE Lab	89.28, 2.07, 14.99
CIE LCh	89, 15.134, 82.134
Yxy	74.7533, 0.3436, 0.3566
Android (android.graphics.Color)	4293975748 (0xFFF0DEC4)
YUV	224.4180, -14.0101, 13.6654
Hunter-Lab	86.4600, -2.6001, 17.4250

Details

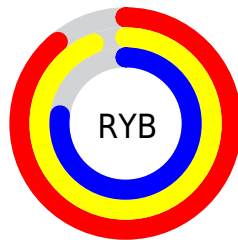
The Yxy color **74.7533, 0.3436, 0.3566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1342, 0.2835, 0.2998**, and the grayscale version is **74.9520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **39.7808, 0.3513, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **68.6786, 0.3632, 0.3724**, and if you desaturate by 10%, it is **81.3141, 0.3260, 0.3412**.

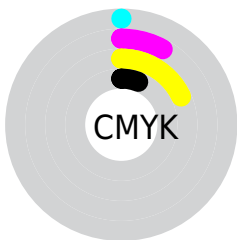
Distribution



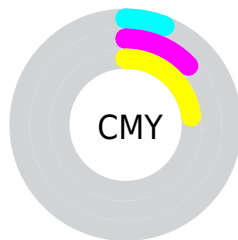
- Red (94%)
- Green (87%)
- Blue (77%)



- Red (89%)
- Yellow (94%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7533, 0.3436, 0.3566 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 74.7533, 0.3436, 0.3566 by changing the saturation by 10% instead.

 74.7533, 0.3436,
0.3566

 74.7533, 0.3436,
0.3566

477.0692, 0.3293,
0.3440

 55.4108, 0.3468,
0.3594


125.9631, 0.3387,
0.3522

 39.7307, 0.3508,
0.3629


158.5992, 0.3367,
0.3505

 27.3287, 0.3559,
0.3673


196.4352, 0.3351,
0.3491

 17.8202, 0.3624,
0.3730

239.8557, 0.3336,
0.3478

 10.8210, 0.3713,
0.3807

289.2449, 0.3324,
0.3467

 5.9466, 0.3839,
0.3913

344.9873, 0.3313,

 2.8126, 0.4031,

0.3457

0.4072

407.4673, 0.3302,
0.3448

■ 1.0347, 0.4850,
0.4823

■ 0.0000, 0.0000,
0.0000

■ 74.7533, 0.3436,
0.3566

■ 74.7533, 0.3436,
0.3566

■ 68.6786, 0.3632,
0.3724

■ 81.3141, 0.3260,
0.3412

■ 63.0665, 0.3847,
0.3882

■ 88.3637, 0.3103,
0.3267

■ 57.9062, 0.4077,
0.4032

■ 95.0522, 0.3036,
0.3255

■ 53.1823, 0.4316,
0.4165

■ 97.2720, 0.3036,
0.3290

■ 48.8785, 0.4553,
0.4267

■ 44.9765, 0.4778,
0.4327

■ 41.4557, 0.4976,
0.4335

■ 38.2892, 0.5138,
0.4291

■ 37.7964, 0.5164,
0.4282

Harmonies

Analogous

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



74.7533, 0.3486, 0.3451



74.7533, 0.3436, 0.3566



74.7533, 0.3303, 0.3609

Triad

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



74.7533, 0.3436, 0.3566



74.7533, 0.2827, 0.3268



74.7533, 0.3121, 0.3037

Complementary

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



74.7533, 0.3436, 0.3566



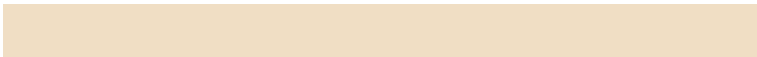
66.1342, 0.2835, 0.2998

Split Complementary

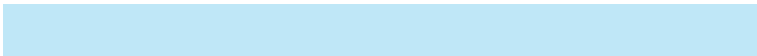
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7533, 0.2947, 0.2987



74.7533, 0.3436, 0.3566



74.7533, 0.2781, 0.3114

Square

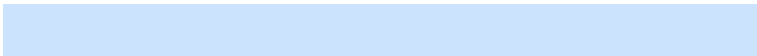
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7533, 0.3436, 0.3566



74.7533, 0.2952, 0.3435



74.7533, 0.2825, 0.3013



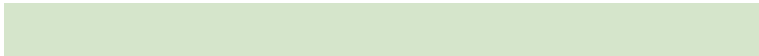
74.7533, 0.3301, 0.3150

Rectangle

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



74.7533, 0.3436, 0.3566



74.7533, 0.3186, 0.3588



74.7533, 0.2825, 0.3013



74.7533, 0.3060, 0.3013

Sweetspot

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



74.7566, 0.3436, 0.3566



95.1202, 0.3221, 0.3378



62.8770, 0.3341, 0.3095



20.2486, 0.3232, 0.3387



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.



74.7566, 0.3436, 0.3566



83.1050, 0.3507, 0.3625



84.2234, 0.3378, 0.3751



17.3103, 0.3278, 0.3429



20.9512, 0.5144, 0.4298



1.9382, 0.4985, 0.4424

Inverse Universe

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



66.1342, 0.2835, 0.2998



71.5257, 0.2773, 0.2931



57.9981, 0.2850, 0.2792



16.2919, 0.2980, 0.3147



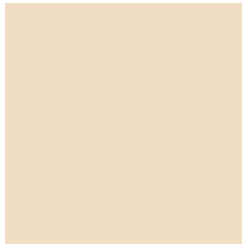
8.5029, 0.1692, 0.1292



0.8984, 0.1764, 0.1550

Previews

White Background



This preview shows how the Yxy color 74.7533, 0.3436, 0.3566 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 74.7533, 0.3436, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

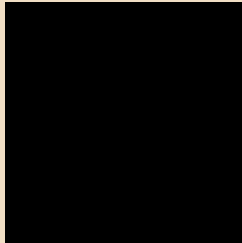
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

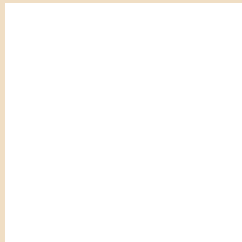
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7533, 0.3436, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 74.7533, 0.3436, 0.3566.



This preview shows how white text looks on a background with the Yxy color 74.7533, 0.3436, 0.3566.

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

74.7533, 0.3436, 0.3566

Protanopia

75.0047, 0.3388, 0.3579

Deuteranopia

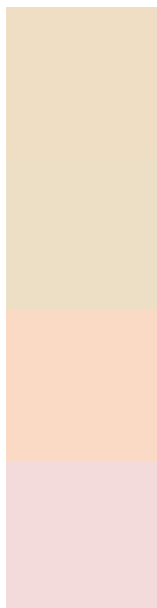
74.4490, 0.3547, 0.3475



Tritanopia

74.9787, 0.3214, 0.3117

Trichromacy



Original Color

74.7533, 0.3436, 0.3566

Protanomaly

74.8111, 0.3404, 0.3567

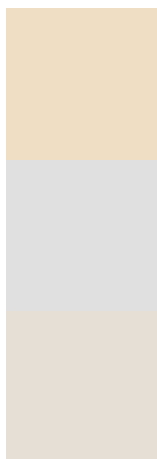
Deuteranomaly

74.4980, 0.3512, 0.3508

Tritanomaly

74.8850, 0.3294, 0.3280

Monochromacy



Original Color

74.7533, 0.3436, 0.3566

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4534, 0.3237, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7533, 0.3436, 0.3566 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(240, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(240, 222, 196)  
}
```

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(240, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 222, 196) }
```

Border

The CSS property to change the border of an element to Yxy 74.7533, 0.3436, 0.3566 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(240, 222, 196) }
```

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

```
.border{ border-color:rgb(240, 222, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 222, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(240, 222,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7533, 0.3436, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 222, 196) }
```

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

```
.background{ background-color: rgb(240,  
222, 196) }
```

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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