

Converting Colors

$Yxy(74.6217, 0.3371, 0.3698)$

Have a look what the booklet for
Yxy(74.6217, 0.3371, 0.3698)
contains.

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Color

Yxy(74.7810, 0.3371, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	E2E3BD
RGB	226, 227, 189
RGB Percent	89%, 89%, 74%
CMY	0.1136, 0.1098, 0.2589
CMYK	0.00, 0.00, 0.17, 0.11
HSL	62°, 40%, 82%
HSV	62°, 17%, 89%
XYZ	68.0212, 74.7810, 58.9813
YIQ	222.3690, 11.6020, -12.0300

Conversions

Conversions Part 2

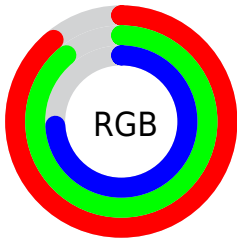
Format	Color
RYB	189, 227, 190
Decimal	14869437
CIELab	89.29, -6.60, 18.50
CIElCh	89, 19.642, 109.633
Yxy	74.7810, 0.3371, 0.3706
Android (android.graphics.Color)	4293059517 (0xFFE2E3BD)
YUV	222.3690, -16.4509, 3.1844
Hunter-Lab	86.4760, -10.9265, 20.0942

Details

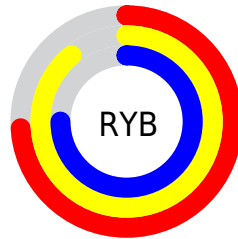
The Yxy color **74.7810, 0.3371, 0.3706** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8754, 0.2861, 0.2839**, and the grayscale version is **73.4366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **39.8287, 0.3417, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **73.7800, 0.3519, 0.3959**, and if you desaturate by 10%, it is **75.9432, 0.3224, 0.3455**.

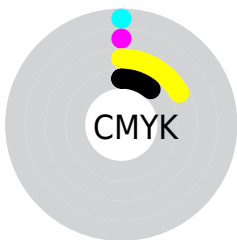
Distribution



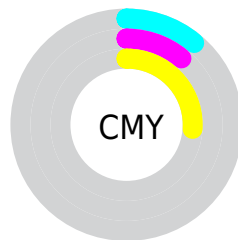
- Red (89%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7810, 0.3371, 0.3706 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 74.7810, 0.3371, 0.3706 by changing the saturation by 10% instead.


 74.7810, 0.3371,
0.3706

 74.7810, 0.3371,
0.3706

477.1645, 0.3260,
0.3512

 55.4335, 0.3396,
0.3751

 126.0023, 0.3333,
0.3638

 39.7489, 0.3426,
0.3806

158.6449, 0.3318,
0.3612

 27.3428, 0.3464,
0.3876


196.4880, 0.3305,
0.3590

 17.8309, 0.3512,
0.3967

239.9159, 0.3294,
0.3570

 10.8286, 0.3575,
0.4092

289.3132, 0.3284,
0.3553

 5.9517, 0.3662,
0.4271

345.0641, 0.3275,

 2.8157, 0.3784,

0.3538

0.4547

407.5531, 0.3267,
0.3524

■ 1.0363, 0.4407,
0.5593

■ 0.0000, 0.0000,
0.0000

■ 74.7810, 0.3371,
0.3706

■ 74.7810, 0.3371,
0.3706

■ 73.7800, 0.3519,
0.3959

■ 75.9432, 0.3224,
0.3455

■ 72.9231, 0.3662,
0.4207


■ 77.2634, 0.3082,
0.3212


■ 72.2060, 0.3795,
0.4439


■ 78.6165, 0.2959,
0.3003

■ 71.6202, 0.3912,
0.4645


■ 78.7123, 0.2962,
0.3004


 71.1563, 0.4008,
0.4817

 78.8084, 0.2966,
0.3004

 70.8038, 0.4080,
0.4947


 78.9048, 0.2970,
0.3004


 70.5504, 0.4124,
0.5034

 79.0016, 0.2974,
0.3005

 70.3802, 0.4144,
0.5079

 79.0987, 0.2978,
0.3005

 70.3341, 0.4148,
0.5089

 79.1961, 0.2982,
0.3005

Harmonies

Analogous

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



74.7810, 0.3538, 0.3637



74.7810, 0.3371, 0.3706



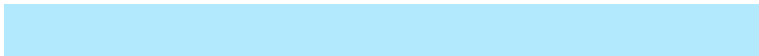
74.7810, 0.3143, 0.3656

Triad

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



74.7810, 0.3371, 0.3706



74.7810, 0.2682, 0.3073



74.7810, 0.3334, 0.3095

Complementary

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



74.7810, 0.3371, 0.3706



52.8754, 0.2861, 0.2839

Split Complementary

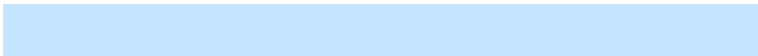
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7810, 0.3098, 0.2957



74.7810, 0.3371, 0.3706



74.7810, 0.2728, 0.2938

Square

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



74.7810, 0.3371, 0.3706



74.7810, 0.2750, 0.3278



74.7810, 0.2877, 0.2899



74.7810, 0.3518, 0.3283

Rectangle

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



74.7810, 0.3371, 0.3706



74.7810, 0.2987, 0.3559



74.7810, 0.2877, 0.2899



74.7810, 0.3258, 0.3042

Sweetspot

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



74.7843, 0.3371, 0.3706



99.1435, 0.3199, 0.3413



56.6646, 0.3445, 0.3298



21.1960, 0.3209, 0.3430



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.



74.7843, 0.3371, 0.3706



96.8910, 0.3421, 0.3792



71.9292, 0.3235, 0.3724



16.7973, 0.3264, 0.3522



41.0269, 0.4149, 0.5088



3.0378, 0.4156, 0.5082

Inverse Universe

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



52.8754, 0.2861, 0.2839



63.4298, 0.2801, 0.2737



55.4338, 0.3003, 0.2858



13.9048, 0.2984, 0.3047



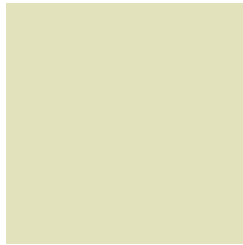
3.2642, 0.1508, 0.0605



0.2475, 0.1532, 0.0617

Previews

White Background



This preview shows how the Yxy color 74.7810, 0.3371, 0.3706 looks on a white background.

Color Contrast Check

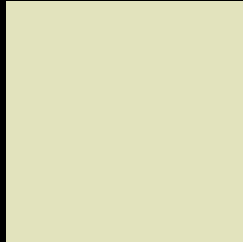
Large Text (above 18pt) WCAG AA × Fail

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 74.7810, 0.3371, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

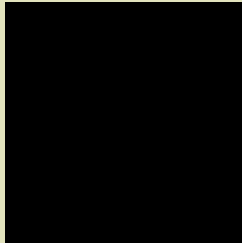
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

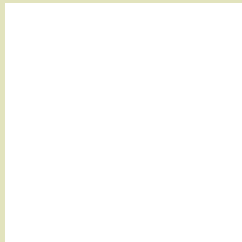
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7810, 0.3371, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 74.7810, 0.3371, 0.3706.



This preview shows how white text looks on a background with the Yxy color 74.7810, 0.3371, 0.3706.

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

74.7810, 0.3371, 0.3706

Protanopia

74.9037, 0.3472, 0.3686

Deuteranopia

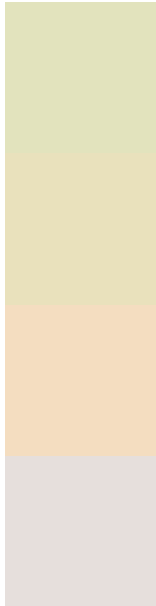
74.7808, 0.3574, 0.3527



Tritanopia

74.6831, 0.3101, 0.3103

Trichromacy



Original Color

74.7810, 0.3371, 0.3706

Protanomaly

74.8049, 0.3433, 0.3689

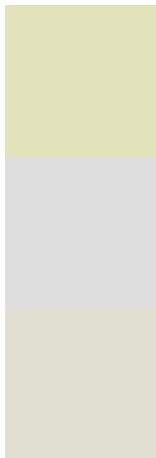
Deuteranomaly

74.7518, 0.3496, 0.3596

Tritanomaly

74.7657, 0.3197, 0.3322

Monochromacy



Original Color

74.7810, 0.3371, 0.3706

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6524, 0.3212, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7810, 0.3371, 0.3706 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(226, 227, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 189)  
}
```

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(226, 227, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 189) }
```

Border

The CSS property to change the border of an element to Yxy 74.7810, 0.3371, 0.3706 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(226, 227, 189) }
```

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

```
.border{ border-color:rgb(226, 227, 189) }
```

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

Here you see how a box with a 4 pixel rgb(226, 227, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 189);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7810, 0.3371, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 189) }
```

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

```
.background{ background-color: rgb(226,  
227, 189) }
```

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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