

Converting Colors

$Yxy(74.0405, 0.3404, 0.3782)$

Have a look what the booklet for
Yxy(74.0405, 0.3404, 0.3782)
contains.

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Color

Yxy(74.1629, 0.3403, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	E0E3B6
RGB	224, 227, 182
RGB Percent	88%, 89%, 71%
CMY	0.1215, 0.1098, 0.2862
CMYK	0.01, 0.00, 0.20, 0.11
HSL	64°, 45%, 80%
HSV	64°, 20%, 89%
XYZ	66.6604, 74.1629, 55.0639
YIQ	220.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

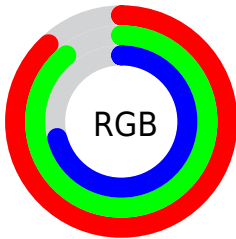
Format	Color
RYB	182, 227, 185
Decimal	14738358
CIELab	89.00, -8.35, 21.69
CIELCh	89, 23.242, 111.051
Yxy	74.1629, 0.3403, 0.3786
Android (android.graphics.Color)	4292928438 (0xFFE0E3B6)
YUV	220.9730, -19.2137, 2.6547
Hunter-Lab	86.1179, -12.5366, 22.3724

Details

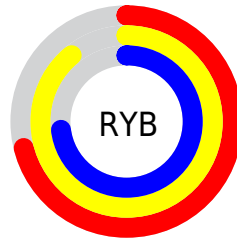
The Yxy color **74.1629, 0.3403, 0.3786** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.3195, 0.2820, 0.2748**, and the grayscale version is **72.4223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **39.4149, 0.3458, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **73.0640, 0.3543, 0.4042**, and if you desaturate by 10%, it is **75.4226, 0.3262, 0.3532**.

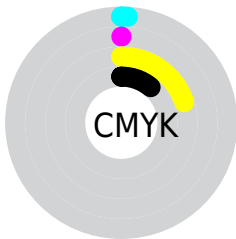
Distribution



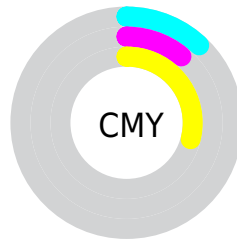
- Red (88%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (12%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1629, 0.3403, 0.3786 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 74.1629, 0.3403, 0.3786 by changing the saturation by 10% instead.


 74.1629, 0.3403,
0.3786

 74.1629, 0.3403,
0.3786


475.0354, 0.3278,
0.3554

 54.9274, 0.3431,
0.3839


 125.1267, 0.3360,
0.3705

 39.3436, 0.3464,
0.3906


157.6238, 0.3344,
0.3674

 27.0271, 0.3506,
0.3990


195.3101, 0.3329,
0.3647

 17.5936, 0.3559,
0.4100

238.5702, 0.3316,
0.3623

 10.6586, 0.3627,
0.4250

287.7884, 0.3305,
0.3603

 5.8378, 0.3718,
0.4464

343.3490, 0.3295,

 2.7467, 0.3847,

0.3585

0.4801

405.6366, 0.3286,
0.3568

■ 1.0010, 0.4261,
0.5739

■ 0.0000, 0.0000,
0.0000

■ 74.1629, 0.3403,
0.3786

■ 74.1629, 0.3403,
0.3786

■ 73.0640, 0.3543,
0.4042

■ 75.4226, 0.3262,
0.3532

■ 72.1087, 0.3676,
0.4290

■ 76.8401, 0.3125,
0.3286

■ 71.2925, 0.3798,
0.4522

■ 78.4251, 0.2993,
0.3052


■ 70.6065, 0.3902,
0.4726


■ 78.9827, 0.2973,
0.3005

 70.0412, 0.3983,
0.4894


 79.2317, 0.2983,
0.3005

 69.5854, 0.4039,
0.5020


 79.4828, 0.2993,
0.3006


 69.2261, 0.4069,
0.5101

 79.7360, 0.3003,
0.3007

 68.9410, 0.4077,
0.5144

 79.9913, 0.3013,
0.3008

 68.9360, 0.4077,
0.5145

 80.2489, 0.3023,
0.3009

Harmonies

Analogous

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



74.1629, 0.3608, 0.3706



74.1629, 0.3403, 0.3786



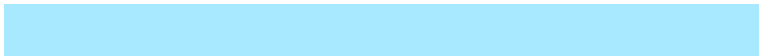
74.1629, 0.3130, 0.3722

Triad

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



74.1629, 0.3403, 0.3786



74.1629, 0.2602, 0.3021



74.1629, 0.3384, 0.3069

Complementary

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



74.1629, 0.3403, 0.3786



49.3195, 0.2820, 0.2748

Split Complementary

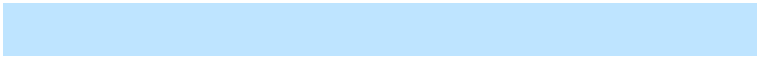
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1629, 0.3104, 0.2904



74.1629, 0.3403, 0.3786



74.1629, 0.2662, 0.2869

Square

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



74.1629, 0.3403, 0.3786



74.1629, 0.2675, 0.3261



74.1629, 0.2842, 0.2830



74.1629, 0.3599, 0.3291

Rectangle

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



74.1629, 0.3403, 0.3786



74.1629, 0.2948, 0.3601



74.1629, 0.2842, 0.2830



74.1629, 0.3294, 0.3006

Sweetspot

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



74.1662, 0.3403, 0.3786



98.8625, 0.3210, 0.3438



54.0987, 0.3514, 0.3317



21.1351, 0.3219, 0.3454



0.0000, 0.0000, 0.0000



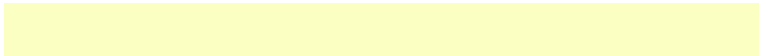
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1662, 0.3403, 0.3786



95.9081, 0.3464, 0.3897



70.9067, 0.3244, 0.3812



16.7663, 0.3257, 0.3523



40.2252, 0.4079, 0.5144



2.9872, 0.4096, 0.5129

Inverse Universe

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



49.3195, 0.2820, 0.2748



57.6985, 0.2742, 0.2613



52.2375, 0.2988, 0.2774



13.9323, 0.2990, 0.3048



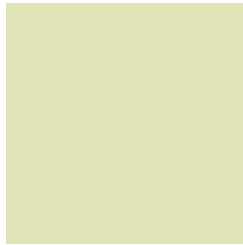
3.3111, 0.1521, 0.0612



0.2607, 0.1580, 0.0644

Previews

White Background



This preview shows how the Yxy color 74.1629, 0.3403, 0.3786 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 74.1629, 0.3403, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

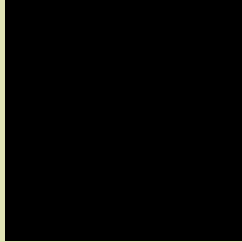
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

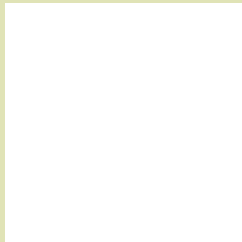
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1629, 0.3403, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 74.1629, 0.3403, 0.3786.



This preview shows how white text looks on a background with the Yxy color 74.1629, 0.3403, 0.3786.

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

74.1629, 0.3403, 0.3786

Protanopia

74.0752, 0.3523, 0.3752

Deuteranopia

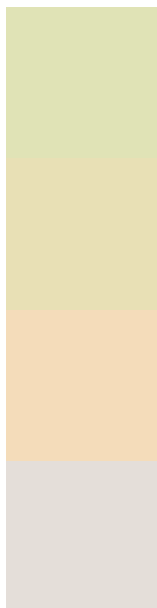
74.0459, 0.3613, 0.3568



Tritanopia

73.7664, 0.3094, 0.3102

Trichromacy



Original Color

74.1629, 0.3403, 0.3786

Protanomaly

73.8033, 0.3476, 0.3757

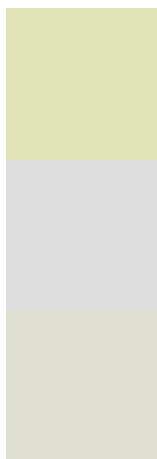
Deuteranomaly

73.9647, 0.3541, 0.3649

Tritanomaly

73.7463, 0.3203, 0.3344

Monochromacy



Original Color

74.1629, 0.3403, 0.3786

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8099, 0.3226, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1629, 0.3403, 0.3786 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(224, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 182)  
}
```

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(224, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 182) }
```

Border

The CSS property to change the border of an element to Yxy 74.1629, 0.3403, 0.3786 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(224, 227, 182) }
```

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

```
.border{ border-color:rgb(224, 227, 182) }
```

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

Here you see how a box with a 4 pixel rgb(224, 227, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1629, 0.3403, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 182) }
```

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

```
.background{ background-color: rgb(224,  
227, 182) }
```

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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