

Converting Colors

$Yxy(74.4243, 0.3260, 0.3591)$

Have a look what the booklet for
Yxy(74.4243, 0.3260, 0.3591)
contains.

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Color

Yxy(74.4805, 0.3261, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	DDE3C8
RGB	221, 227, 200
RGB Percent	87%, 89%, 78%
CMY	0.1334, 0.1098, 0.2157
CMYK	0.03, 0.00, 0.12, 0.11
HSL	73°, 33%, 84%
HSV	73°, 12%, 89%
XYZ	67.7114, 74.4805, 65.4482
YIQ	222.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

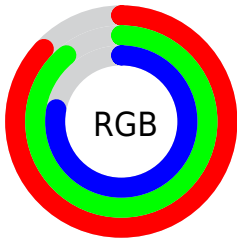
Format	Color
R_{YB}	200, 227, 206
Decimal	14541768
CIE Lab	89.15, -6.67, 12.50
CIE LCh	89, 14.171, 118.081
Yxy	74.4805, 0.3261, 0.3587
Android (android.graphics.Color)	4292731848 (0xFFDDE3C8)
YUV	222.1280, -10.9091, -0.9893
Hunter-Lab	86.3021, -10.9800, 15.4482

Details

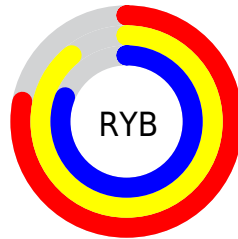
The Yxy color **74.4805, 0.3261, 0.3587** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.9769, 0.2983, 0.2983**, and the grayscale version is **73.2191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6874, 0.3292, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **72.7186, 0.3374, 0.3850**, and if you desaturate by 10%, it is **76.4304, 0.3148, 0.3336**.

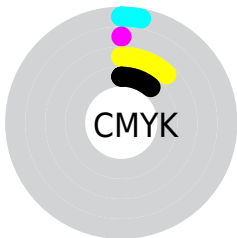
Distribution



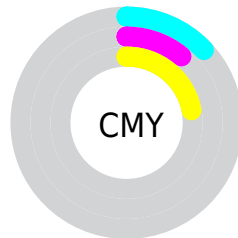
- Red (87%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4805, 0.3261, 0.3587 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 74.4805, 0.3261, 0.3587 by changing the saturation by 10% instead.

■ 74.4805, 0.3261,
0.3587

■ 74.4805, 0.3261,
0.3587

476.1301, 0.3200,
0.3448

■ 55.1874, 0.3275,
0.3619

125.5767, 0.3240,
0.3539

■ 39.5518, 0.3291,
0.3659

158.1486, 0.3232,
0.3520

■ 27.1892, 0.3312,
0.3709

195.9156, 0.3225,
0.3504

■ 17.7154, 0.3339,
0.3776

239.2620, 0.3219,
0.3490

■ 10.7459, 0.3375,
0.3867

288.5723, 0.3213,
0.3478

■ 5.8962, 0.3424,
0.4000

344.2308, 0.3208,

■ 2.7821, 0.3497,

0.3467

0.4211

406.6219, 0.3204,
0.3457

■ 1.0190, 0.3906,
0.4977

■ 0.0000, 0.0000,
0.0000

■ 74.4805, 0.3261,
0.3587

■ 74.4805, 0.3261,
0.3587

■ 72.7186, 0.3374,
0.3850

■ 76.4304, 0.3148,
0.3336

■ 71.1278, 0.3485,
0.4119

■ 78.5652, 0.3039,
0.3101

■ 69.7036, 0.3588,
0.4384

■ 80.0218, 0.3014,
0.3008

■ 68.4379, 0.3677,
0.4637

■ 80.8999, 0.3047,
0.3011

■ 67.3216, 0.3749,
0.4866

■ 81.8026, 0.3081,
0.3014

■ 66.3444, 0.3797,
0.5059

■ 82.7302, 0.3115,
0.3017

■ 65.4949, 0.3820,
0.5209

■ 83.4224, 0.3140,
0.3019

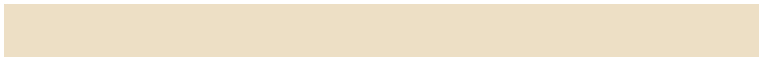
■ 64.7590, 0.3817,
0.5311

■ 64.2279, 0.3799,
0.5365

Harmonies

Analogous

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



74.4805, 0.3397, 0.3563



74.4805, 0.3261, 0.3587



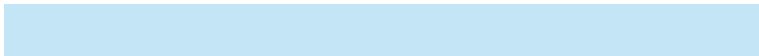
74.4805, 0.3091, 0.3526

Triad

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



74.4805, 0.3261, 0.3587



74.4805, 0.2804, 0.3101



74.4805, 0.3320, 0.3185

Complementary

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



74.4805, 0.3261, 0.3587



59.9769, 0.2983, 0.2983

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.



74.4805, 0.3156, 0.3070



74.4805, 0.3261, 0.3587



74.4805, 0.2861, 0.3019

Square

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



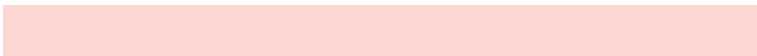
74.4805, 0.3261, 0.3587



74.4805, 0.2831, 0.3239



74.4805, 0.2988, 0.3009



74.4805, 0.3433, 0.3329

Rectangle

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



74.4805, 0.3261, 0.3587



74.4805, 0.2983, 0.3445



74.4805, 0.2988, 0.3009



74.4805, 0.3269, 0.3142

Sweetspot

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



74.4837, 0.3261, 0.3587



98.9323, 0.3172, 0.3388



64.5723, 0.3333, 0.3355



21.1335, 0.3181, 0.3407



0.0000, 0.0000, 0.0000



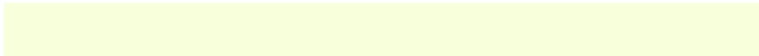
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4837, 0.3261, 0.3587



96.4341, 0.3286, 0.3644



72.4716, 0.3166, 0.3596



16.6469, 0.3233, 0.3525



37.5089, 0.3805, 0.5360



2.8117, 0.3865, 0.5313

Inverse Universe

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



59.9769, 0.2983, 0.2983



74.4108, 0.2954, 0.2922



61.9689, 0.3083, 0.2992



14.0411, 0.3015, 0.3049



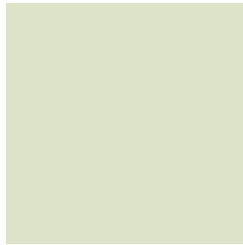
3.6803, 0.1620, 0.0666



0.3126, 0.1760, 0.0743

Previews

White Background



This preview shows how the Yxy color 74.4805, 0.3261, 0.3587 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 74.4805, 0.3261, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

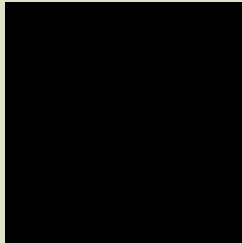
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

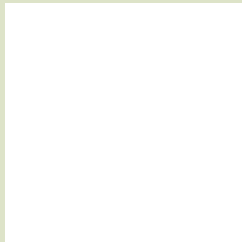
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4805, 0.3261, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 74.4805, 0.3261, 0.3587.

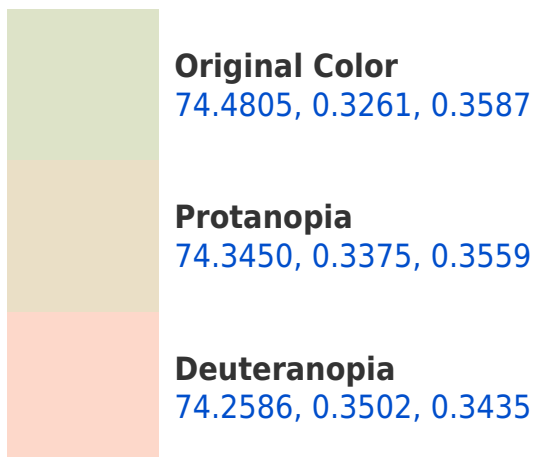


This preview shows how white text looks on a background with the Yxy color 74.4805, 0.3261, 0.3587.

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

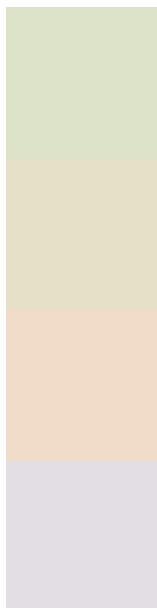




Tritanopia

74.2758, 0.3052, 0.3101

Trichromacy



Original Color

74.4805, 0.3261, 0.3587

Protanomaly

74.0928, 0.3330, 0.3561

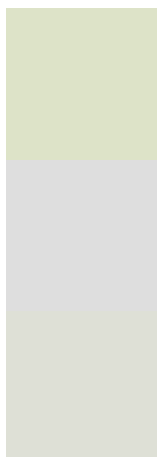
Deuteranomaly

74.1042, 0.3411, 0.3491

Tritanomaly

74.2191, 0.3128, 0.3269

Monochromacy



Original Color

74.4805, 0.3261, 0.3587

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6959, 0.3178, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4805, 0.3261, 0.3587 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(221, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 200)  
}
```

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(221, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 200) }
```

Border

The CSS property to change the border of an element to Yxy 74.4805, 0.3261, 0.3587 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(221, 227, 200) }
```

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

```
.border{ border-color:rgb(221, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4805, 0.3261, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 200) }
```

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

```
.background{ background-color: rgb(221,  
227, 200) }
```

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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