

Converting Colors

$Yxy(74.3763, 0.3562, 0.3688)$

Have a look what the booklet for
Yxy(74.3763, 0.3562, 0.3688)
contains.

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Color

Yxy(74.3649, 0.3560, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	F4DDB7
RGB	244, 221, 183
RGB Percent	96%, 87%, 72%
CMY	0.0430, 0.1334, 0.2823
CMYK	0.00, 0.09, 0.25, 0.04
HSL	37°, 74%, 84%
HSV	37°, 25%, 96%
XYZ	71.7256, 74.3649, 55.3858
YIQ	223.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

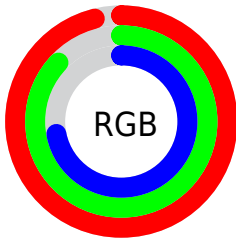
Format	Color
R _Y B	220, 244, 183
Decimal	16047543
CIE Lab	89.09, 2.22, 21.55
CIE LCh	89, 21.659, 84.119
Yxy	74.3649, 0.3560, 0.3691
Android (android.graphics.Color)	4294237623 (0xFFF4DDB7)
YUV	223.5450, -19.9887, 17.9390
Hunter-Lab	86.2351, -2.4450, 22.2846

Details

The Yxy color **74.3649, 0.3560, 0.3691** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.7868, 0.2721, 0.2853**, and the grayscale version is **74.3376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **39.4489, 0.3658, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **68.7022, 0.3764, 0.3858**, and if you desaturate by 10%, it is **80.4781, 0.3373, 0.3526**.

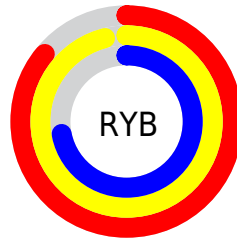
Distribution



Red (96%)

Green (87%)

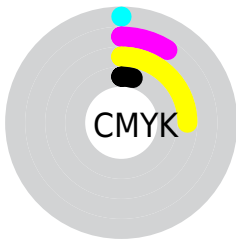
Blue (72%)



Red (86%)

Yellow (96%)

Blue (72%)

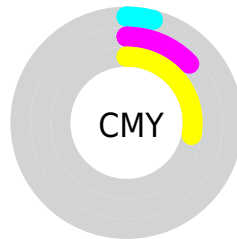


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3649, 0.3560, 0.3691 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 74.3649, 0.3560, 0.3691 by changing the saturation by 10% instead.

 74.3649, 0.3560,
0.3691

 74.3649, 0.3560,
0.3691


475.7318, 0.3361,
0.3508

 55.0927, 0.3605,
0.3732


 125.4129, 0.3491,
0.3628

 39.4760, 0.3661,
0.3782


157.9576, 0.3464,
0.3603

 27.1302, 0.3730,
0.3845


195.6953, 0.3441,
0.3582

 17.6710, 0.3820,
0.3925

239.0103, 0.3421,
0.3563

 10.7141, 0.3940,
0.4031

288.2870, 0.3403,
0.3547

 5.8749, 0.4107,
0.4176

343.9100, 0.3387,

 2.7692, 0.4355,

0.3533

0.4386

406.2634, 0.3373,
0.3520

■ 1.0124, 0.5025,
0.4975

■ 0.0000, 0.0000,
0.0000

■ 74.3649, 0.3560,
0.3691

■ 74.3649, 0.3560,
0.3691

■ 68.7022, 0.3764,
0.3858

■ 80.4781, 0.3373,
0.3526

■ 63.4664, 0.3982,
0.4019

■ 87.0441, 0.3205,
0.3367

■ 58.6467, 0.4209,
0.4165

■ 93.9983, 0.3061,
0.3228

■ 54.2276, 0.4436,
0.4285

■ 97.9813, 0.3060,
0.3290

■ 50.1923, 0.4652,
0.4366

■ 46.5216, 0.4844,
0.4399

■ 43.1930, 0.5004,
0.4379

■ 41.6434, 0.5073,
0.4354

Harmonies

Analogous

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



74.3649, 0.3643, 0.3528



74.3649, 0.3560, 0.3691



74.3649, 0.3361, 0.3751

Triad

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



74.3649, 0.3560, 0.3691



74.3649, 0.2693, 0.3239



74.3649, 0.3134, 0.2942

Complementary

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



74.3649, 0.3560, 0.3691



60.7868, 0.2721, 0.2853

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.



74.3649, 0.2884, 0.2863



74.3649, 0.3560, 0.3691



74.3649, 0.2637, 0.3022

Square

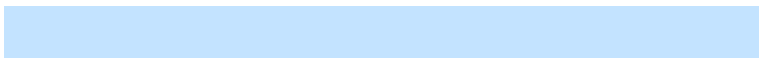
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3649, 0.3560, 0.3691



74.3649, 0.2861, 0.3484



74.3649, 0.2705, 0.2889



74.3649, 0.3391, 0.3104

Rectangle

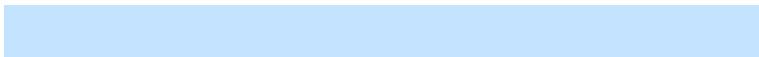
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3649, 0.3560, 0.3691



74.3649, 0.3191, 0.3717



74.3649, 0.2705, 0.2889



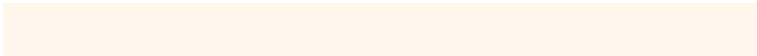
74.3649, 0.3046, 0.2905

Sweetspot

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



74.3683, 0.3560, 0.3691



93.9352, 0.3254, 0.3414



57.5950, 0.3456, 0.3041



19.8698, 0.3279, 0.3438



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.



74.3683, 0.3560, 0.3691



78.9384, 0.3661, 0.3776



86.1409, 0.3456, 0.3926



18.2001, 0.3278, 0.3437



22.9055, 0.5055, 0.4368



2.2107, 0.4918, 0.4477

Inverse Universe

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



60.7868, 0.2721, 0.2853



61.5668, 0.2632, 0.2750



51.3774, 0.2747, 0.2587



16.9528, 0.2980, 0.3139



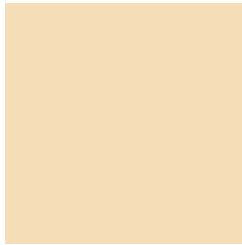
7.9742, 0.1666, 0.1198



0.8921, 0.1735, 0.1446

Previews

White Background



This preview shows how the Yxy color 74.3649, 0.3560, 0.3691 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 74.3649, 0.3560, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

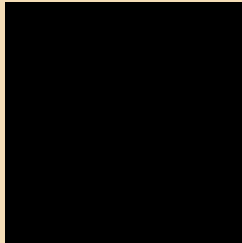
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

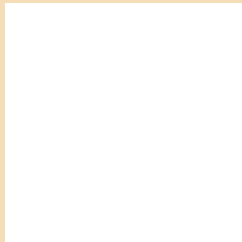
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3649, 0.3560, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 74.3649, 0.3560, 0.3691.



This preview shows how white text looks on a background with the Yxy color 74.3649, 0.3560, 0.3691.

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

74.3649, 0.3560, 0.3691

Protanopia

74.2406, 0.3495, 0.3708

Deuteranopia

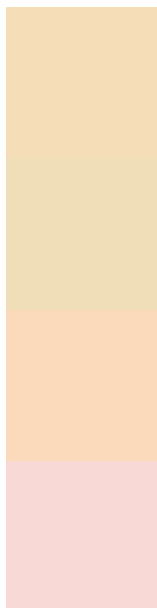
74.0894, 0.3606, 0.3558



Tritanopia

74.1866, 0.3274, 0.3118

Trichromacy



Original Color

74.3649, 0.3560, 0.3691

Protanomaly

74.2285, 0.3520, 0.3695

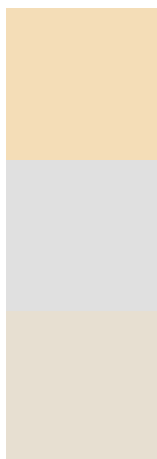
Deuteranomaly

74.2399, 0.3592, 0.3612

Tritanomaly

74.4372, 0.3376, 0.3322

Monochromacy



Original Color

74.3649, 0.3560, 0.3691

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3677, 0.3278, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3649, 0.3560, 0.3691 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(244, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 183)  
}
```

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(244, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 183) }
```

Border

The CSS property to change the border of an element to Yxy 74.3649, 0.3560, 0.3691 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(244, 221, 183) }
```

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

```
.border{ border-color:rgb(244, 221, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 221, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 221, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 221, 183); box-shadow:4px 4px 4px 4px rgb(244, 221, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3649, 0.3560, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 221, 183) }
```

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

```
.background{ background-color: rgb(244,  
221, 183) }
```

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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