

Converting Colors

$Y_{xy}(75.3394, 0.3721, 0.4006)$

Have a look what the booklet for
Yxy(75.3394, 0.3721, 0.4006)
contains.

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Color

Yxy(75.3394, 0.3721, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	F3E19D
RGB	243, 225, 157
RGB Percent	95%, 88%, 62%
CMY	0.0470, 0.1177, 0.3843
CMYK	0.00, 0.07, 0.35, 0.05
HSL	47°, 78%, 78%
HSV	47°, 35%, 95%
XYZ	69.9795, 75.3394, 42.7475
YIQ	222.6300, 32.5560, -17.3320

Conversions

Conversions Part 2

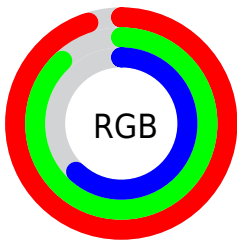
Format	Color
R _Y B	180, 243, 157
Decimal	15983005
CIE Lab	89.55, -3.48, 35.54
CIE LCh	90, 35.708, 95.585
Yxy	75.3394, 0.3721, 0.4006
Android (android.graphics.Color)	4294173085 (0xFFFF3E19D)
YUV	222.6300, -32.3556, 17.8645
Hunter-Lab	86.7983, -7.9846, 31.5589

Details

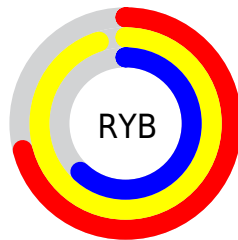
The Yxy color **75.3394, 0.3721, 0.4006** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3086, 0.2513, 0.2452**, and the grayscale version is **73.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **40.2085, 0.3850, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **71.8809, 0.3902, 0.4202**, and if you desaturate by 10%, it is **79.0520, 0.3542, 0.3801**.

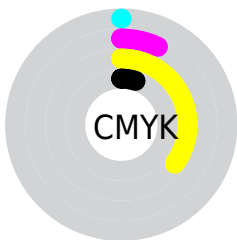
Distribution



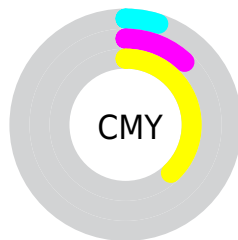
- Red (95%)
- Green (88%)
- Blue (62%)



- Red (71%)
- Yellow (95%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3394, 0.3721, 0.4006 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 75.3394, 0.3721, 0.4006 by changing the saturation by 10% instead.


 75.3394, 0.3721,
0.4006

 75.3394, 0.3721,
0.4006


479.0833, 0.3453,
0.3679

 55.8910, 0.3779,
0.4079


 126.7927, 0.3630,
0.3894

 40.1155, 0.3849,
0.4167

 159.5663, 0.3594,
0.3850

 27.6286, 0.3935,
0.4275


197.5505, 0.3563,
0.3812

 18.0459, 0.4040,
0.4412

241.1296, 0.3536,
0.3778

 10.9829, 0.4172,
0.4586

290.6881, 0.3512,
0.3749

 6.0554, 0.4332,
0.4809

346.6103, 0.3490,

 2.8788, 0.4701,

0.3723

0.5299

409.2805, 0.3471,
0.3700

■ 1.0688, 0.4633,
0.5367

■ 0.0000, 0.0000,
0.0000

■ 75.3394, 0.3721,
0.4006

■ 75.3394, 0.3721,
0.4006

■ 71.8809, 0.3902,
0.4202

■ 79.0520, 0.3542,
0.3801

■ 68.6557, 0.4079,
0.4379

■ 83.0182, 0.3370,
0.3595

■ 65.6555, 0.4244,
0.4527

■ 87.2503, 0.3209,
0.3395

■ 62.8674, 0.4389,
0.4635

■ 91.7570, 0.3060,
0.3203

■ 60.2764, 0.4507,
0.4697

■ 94.9386, 0.3055,
0.3246

■ 57.8639, 0.4595,
0.4712

■ 97.7996, 0.3054,
0.3290

■ 56.8019, 0.4628,
0.4707

Harmonies

Analogous

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



75.3394, 0.3948, 0.3775



75.3394, 0.3721, 0.4006



75.3394, 0.3341, 0.4045

Triad

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



75.3394, 0.3721, 0.4006



75.3394, 0.2373, 0.3043



75.3394, 0.3298, 0.2821

Complementary

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



75.3394, 0.3721, 0.4006



44.3086, 0.2513, 0.2452

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.



75.3394, 0.2872, 0.2642



75.3394, 0.3721, 0.4006



75.3394, 0.2363, 0.2744

Square

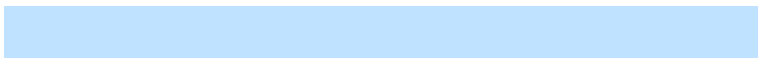
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3394, 0.3721, 0.4006



75.3394, 0.2570, 0.3452



75.3394, 0.2538, 0.2610



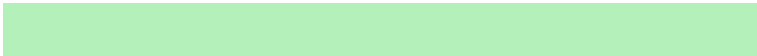
75.3394, 0.3700, 0.3107

Rectangle

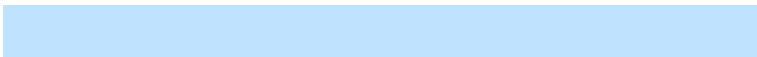
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3394, 0.3721, 0.4006



75.3394, 0.3058, 0.3933



75.3394, 0.2538, 0.2610



75.3394, 0.3152, 0.2747

Sweetspot

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



75.3429, 0.3721, 0.4006



94.6300, 0.3299, 0.3507



46.2910, 0.3790, 0.3087



20.1185, 0.3321, 0.3534



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.



75.3429, 0.3721, 0.4006



81.4216, 0.3843, 0.4139



81.5577, 0.3486, 0.4228



18.6894, 0.3274, 0.3476



31.3689, 0.4620, 0.4714



2.9013, 0.4556, 0.4765

Inverse Universe

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



44.3086, 0.2513, 0.2452



42.3852, 0.2383, 0.2261



40.4525, 0.2662, 0.2273



16.4893, 0.2979, 0.3097



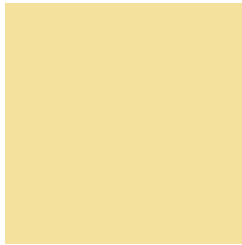
5.0033, 0.1559, 0.0812



0.5822, 0.1620, 0.1030

Previews

White Background



This preview shows how the Yxy color 75.3394, 0.3721, 0.4006 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 75.3394, 0.3721, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

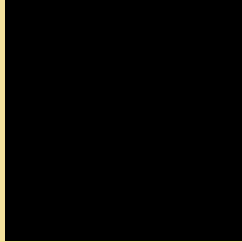
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3394, 0.3721, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 75.3394, 0.3721, 0.4006.



This preview shows how white text looks on a background with the Yxy color 75.3394, 0.3721, 0.4006.

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

75.3394, 0.3721, 0.4006

Protanopia

75.3394, 0.3721, 0.4006

Deuteranopia

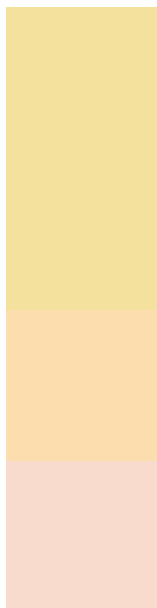
75.3837, 0.3642, 0.3650



Tritanopia

75.1225, 0.3281, 0.3120

Trichromacy



Original Color

75.3394, 0.3721, 0.4006

Protanomaly

75.3394, 0.3721, 0.4006

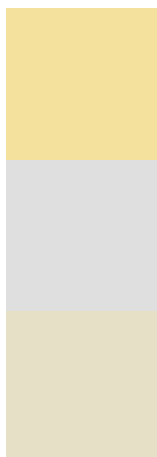
Deuteranomaly

75.2781, 0.3677, 0.3778

Tritanomaly

75.2106, 0.3445, 0.3435

Monochromacy



Original Color

75.3394, 0.3721, 0.4006

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2578, 0.3337, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3394, 0.3721, 0.4006 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(243, 225, 157)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 157)  
}
```

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(243, 225, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 157) }
```

Border

The CSS property to change the border of an element to Yxy 75.3394, 0.3721, 0.4006 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(243, 225, 157) }
```

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

```
.border{ border-color:rgb(243, 225, 157) }
```

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

Here you see how a box with a 4 pixel rgb(243, 225, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 157);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3394, 0.3721, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 157) }
```

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

```
.background{ background-color: rgb(243,  
225, 157) }
```

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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