

Converting Colors

$Y_{xy}(75.7879, 0.3669, 0.4012)$

Have a look what the booklet for
Yxy(75.7879, 0.3669, 0.4012)
contains.

Yxy(75.7921, 0.3670, 0.4012)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.7921, 0.3670, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	EFE39F
RGB	239, 227, 159
RGB Percent	94%, 89%, 62%
CMY	0.0627, 0.1098, 0.3763
CMYK	0.00, 0.05, 0.33, 0.06
HSL	51°, 71%, 78%
HSV	51°, 33%, 94%
XYZ	69.3313, 75.7921, 43.7902
YIQ	222.8360, 28.9800, -18.6040

Conversions

Conversions Part 2

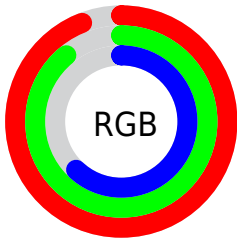
Format	Color
R_{YB}	173, 239, 159
Decimal	15721375
CIE _{Lab}	89.76, -5.78, 34.72
CIE _{LCh}	90, 35.200, 99.456
Yxy	75.7921, 0.3670, 0.4012
Android (android.graphics.Color)	4293911455 (0xFFEFE39F)
YUV	222.8360, -31.4711, 14.1758
Hunter-Lab	87.0587, -10.1999, 31.1184

Details

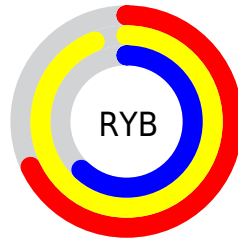
The Yxy color **75.7921, 0.3670, 0.4012** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7552, 0.2544, 0.2446**, and the grayscale version is **73.8871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **40.5117, 0.3783, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **73.0991, 0.3839, 0.4222**, and if you desaturate by 10%, it is **78.6935, 0.3500, 0.3794**.

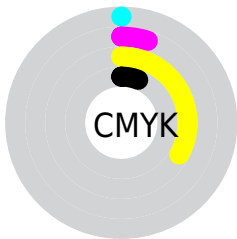
Distribution



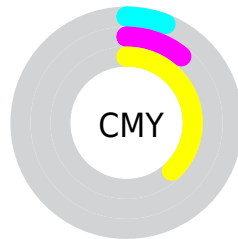
- Red (94%)
- Green (89%)
- Blue (62%)



- Red (68%)
- Yellow (94%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7921, 0.3670, 0.4012 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 75.7921, 0.3670, 0.4012 by changing the saturation by 10% instead.


 75.7921, 0.3670,
0.4012


 75.7921, 0.3670,
0.4012


480.6357, 0.3426,
0.3680

 56.2620, 0.3723,
0.4086


 127.4330, 0.3588,
0.3898

 40.4131, 0.3786,
0.4176


 160.3126, 0.3555,
0.3853

 27.8608, 0.3863,
0.4289

198.4109, 0.3527,
0.3815

 18.2207, 0.3959,
0.4431

242.1122, 0.3502,
0.3781

 11.1086, 0.4076,
0.4614

291.8009, 0.3480,
0.3751

 6.1399, 0.4219,
0.4853

347.8615, 0.3460,

 2.9303, 0.4587,

0.3725

0.5413

410.6783, 0.3442,
0.3701

■ 1.0955, 0.4474,
0.5526

■ 0.0000, 0.0000,
0.0000

■ 75.7921, 0.3670,
0.4012

■ 75.7921, 0.3670,
0.4012

■ 73.0991, 0.3839,
0.4222

■ 78.6935, 0.3500,
0.3794

■ 70.5945, 0.4002,
0.4413


■ 81.8018, 0.3335,
0.3575


■ 68.2714, 0.4152,
0.4575


■ 85.1284, 0.3179,
0.3362


■ 66.1181, 0.4280,
0.4700


■ 88.6812, 0.3033,
0.3158


 64.1209, 0.4382,
0.4780

 90.8569, 0.3031,
0.3191

 62.2635, 0.4455,
0.4814

 93.0518, 0.3030,
0.3226

 61.1091, 0.4491,
0.4816

 95.2891, 0.3030,
0.3262

 97.0945, 0.3029,
0.3290

Harmonies

Analogous

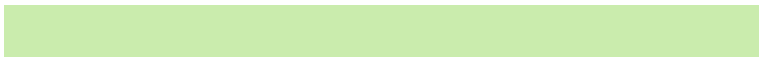
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7921, 0.3918, 0.3804



75.7921, 0.3670, 0.4012



75.7921, 0.3285, 0.4019

Triad

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



75.7921, 0.3670, 0.4012



75.7921, 0.2373, 0.3002



75.7921, 0.3351, 0.2859

Complementary

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



75.7921, 0.3670, 0.4012



42.7552, 0.2544, 0.2446

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.



75.7921, 0.2927, 0.2667



75.7921, 0.3670, 0.4012



75.7921, 0.2386, 0.2726

Square

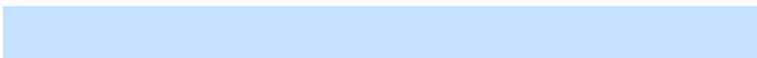
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7921, 0.3670, 0.4012



75.7921, 0.2545, 0.3395



75.7921, 0.2581, 0.2615



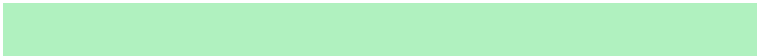
75.7921, 0.3733, 0.3151

Rectangle

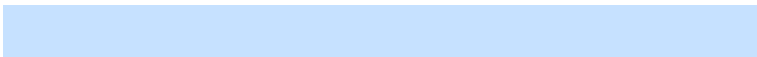
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7921, 0.3670, 0.4012



75.7921, 0.3006, 0.3888



75.7921, 0.2581, 0.2615



75.7921, 0.3207, 0.2782

Sweetspot

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



75.7956, 0.3670, 0.4012



96.0437, 0.3281, 0.3501



46.1548, 0.3779, 0.3143



20.4428, 0.3303, 0.3531



0.0000, 0.0000, 0.0000



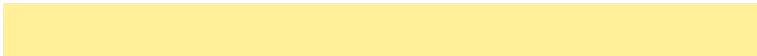
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7956, 0.3670, 0.4012



85.6840, 0.3783, 0.4153



78.3005, 0.3439, 0.4182



18.0304, 0.3272, 0.3489



33.9180, 0.4485, 0.4821



2.9304, 0.4441, 0.4856

Inverse Universe

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



42.7552, 0.2544, 0.2446



42.1208, 0.2411, 0.2244



41.4420, 0.2725, 0.2345



15.6122, 0.2980, 0.3083



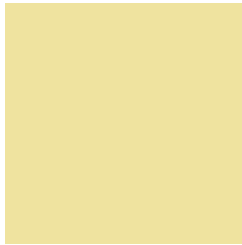
4.2556, 0.1535, 0.0724



0.4696, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 75.7921, 0.3670, 0.4012 looks on a white background.

Color Contrast Check

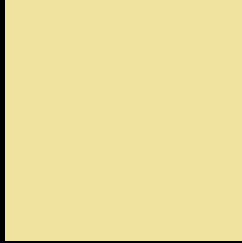
Large Text (above 18pt) WCAG AA × Fail

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 75.7921, 0.3670, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

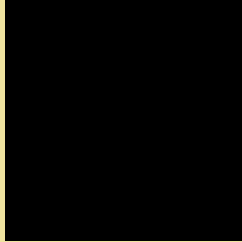
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7921, 0.3670, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 75.7921, 0.3670, 0.4012.



This preview shows how white text looks on a background with the Yxy color 75.7921, 0.3670, 0.4012.

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

75.7921, 0.3670, 0.4012

Protanopia

76.0944, 0.3718, 0.4003

Deuteranopia

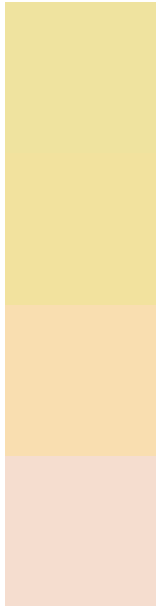
75.4682, 0.3628, 0.3629



Tritanopia

75.5227, 0.3236, 0.3118

Trichromacy



Original Color

75.7921, 0.3670, 0.4012

Protanomaly

75.7386, 0.3703, 0.4007

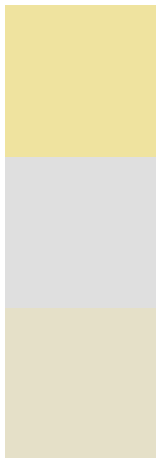
Deuteranomaly

75.5169, 0.3645, 0.3769

Tritanomaly

75.6304, 0.3397, 0.3436

Monochromacy



Original Color

75.7921, 0.3670, 0.4012

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.1395, 0.3323, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7921, 0.3670, 0.4012 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(239, 227, 159)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 159)  
}
```

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(239, 227, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 159) }
```

Border

The CSS property to change the border of an element to Yxy 75.7921, 0.3670, 0.4012 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(239, 227, 159) }
```

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

```
.border{ border-color:rgb(239, 227, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 227, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 227, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 227, 159); box-shadow:4px 4px 4px 4px rgb(239, 227, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7921, 0.3670, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 159) }
```

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

```
.background{ background-color: rgb(239,  
227, 159) }
```

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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