

Converting Colors

$Y_{xy}(75.2382, 0.3741, 0.4037)$

Have a look what the booklet for
Yxy(75.2382, 0.3741, 0.4037)
contains.

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Color

Yxy(75.2382, 0.3741, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	F3E19A
RGB	243, 225, 154
RGB Percent	95%, 88%, 60%
CMY	0.0470, 0.1176, 0.3961
CMYK	0.00, 0.07, 0.37, 0.05
HSL	48°, 79%, 78%
HSV	48°, 37%, 95%
XYZ	69.7216, 75.2382, 41.4118
YIQ	222.2880, 33.5190, -18.2650

Conversions

Conversions Part 2

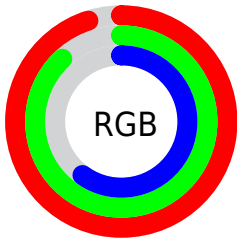
Format	Color
RYB	177, 243, 154
Decimal	15983002
CIELab	89.50, -3.83, 37.00
CIElCh	90, 37.196, 95.905
Yxy	75.2382, 0.3741, 0.4037
Android (android.graphics.Color)	4294173082 (0xFFFF3E19A)
YUV	222.2880, -33.6660, 18.1644
Hunter-Lab	86.7400, -8.3166, 32.4115

Details

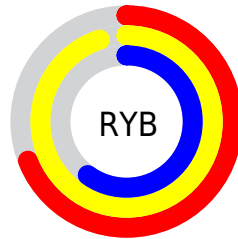
The Yxy color **75.2382, 0.3741, 0.4037** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8419, 0.2488, 0.2409**, and the grayscale version is **73.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **40.1479, 0.3875, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **71.8927, 0.3920, 0.4233**, and if you desaturate by 10%, it is **78.8310, 0.3563, 0.3831**.

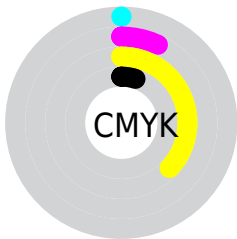
Distribution



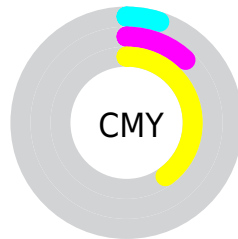
- Red (95%)
- Green (88%)
- Blue (60%)



- Red (69%)
- Yellow (95%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2382, 0.3741, 0.4037 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 75.2382, 0.3741, 0.4037 by changing the saturation by 10% instead.

 75.2382, 0.3741,
0.4037


 75.2382, 0.3741,
0.4037

478.7359, 0.3465,
0.3696

 55.8081, 0.3801,
0.4112


 126.6495, 0.3648,
0.3920

 40.0491, 0.3873,
0.4204

 159.3994, 0.3611,
0.3874

 27.5768, 0.3960,
0.4317


197.3581, 0.3578,
0.3835

 18.0069, 0.4067,
0.4458

240.9098, 0.3550,
0.3800

 10.9549, 0.4199,
0.4636

290.4391, 0.3525,
0.3769

 6.0365, 0.4356,
0.4862

346.3303, 0.3503,

 2.8673, 0.4684,

0.3742

408.9677, 0.3483,
0.3718

0.5316

1.0629, 0.4608,
0.5392

0.0000, 0.0000,
0.0000

75.2382, 0.3741,
0.4037

75.2382, 0.3741,
0.4037

71.8927, 0.3920,
0.4233

78.8310, 0.3563,
0.3831

68.7736, 0.4094,
0.4408

82.6705, 0.3391,
0.3624

65.8727, 0.4254,
0.4552

86.7692, 0.3228,
0.3420

63.1767, 0.4393,
0.4656

91.1356, 0.3078,
0.3226

■ 60.6705, 0.4505,
0.4714

■ 94.3870, 0.3055,
0.3237

■ 58.3348, 0.4587,
0.4724

■ 97.4748, 0.3054,
0.3285

■ 57.5772, 0.4610,
0.4721

■ 97.7966, 0.3054,
0.3290

Harmonies

Analogous

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



75.2382, 0.3981, 0.3795



75.2382, 0.3741, 0.4037



75.2382, 0.3344, 0.4077

Triad

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



75.2382, 0.3741, 0.4037



75.2382, 0.2343, 0.3027



75.2382, 0.3309, 0.2805

Complementary

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



75.2382, 0.3741, 0.4037



42.8419, 0.2488, 0.2409

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.



75.2382, 0.2865, 0.2619



75.2382, 0.3741, 0.4037



75.2382, 0.2334, 0.2719

Square

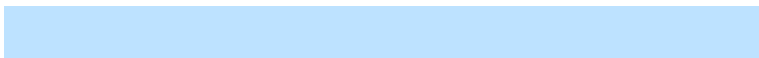
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2382, 0.3741, 0.4037



75.2382, 0.2544, 0.3453



75.2382, 0.2517, 0.2583



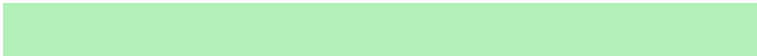
75.2382, 0.3729, 0.3102

Rectangle

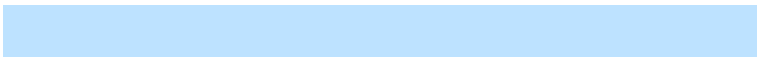
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2382, 0.3741, 0.4037



75.2382, 0.3049, 0.3959



75.2382, 0.2517, 0.2583



75.2382, 0.3157, 0.2729

Sweetspot

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



75.2417, 0.3741, 0.4037



94.7567, 0.3298, 0.3509



45.1903, 0.3823, 0.3080



20.1489, 0.3320, 0.3536



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.



75.2417, 0.3741, 0.4037



81.1228, 0.3875, 0.4185



81.3126, 0.3498, 0.4262



18.7109, 0.3274, 0.3478



31.7945, 0.4603, 0.4727



2.9352, 0.4541, 0.4776

Inverse Universe

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



42.8419, 0.2488, 0.2409



40.1306, 0.2342, 0.2192



39.1863, 0.2643, 0.2233



16.4695, 0.2979, 0.3095



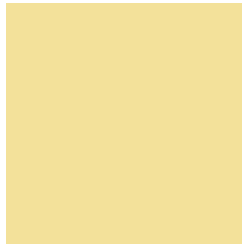
4.9156, 0.1556, 0.0800



0.5718, 0.1615, 0.1015

Previews

White Background



This preview shows how the Yxy color 75.2382, 0.3741, 0.4037 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 75.2382, 0.3741, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

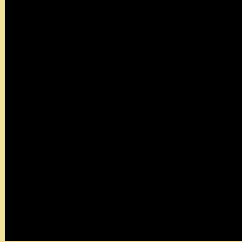
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2382, 0.3741, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 75.2382, 0.3741, 0.4037.



This preview shows how white text looks on a background with the Yxy color 75.2382, 0.3741, 0.4037.

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

75.2382, 0.3741, 0.4037

Protanopia

75.2382, 0.3741, 0.4037

Deuteranopia

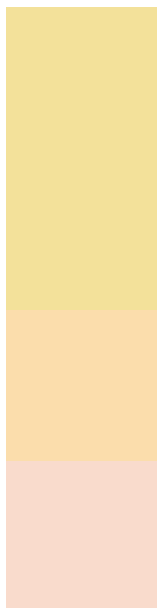
75.3004, 0.3657, 0.3670



Tritanopia

75.1225, 0.3281, 0.3120

Trichromacy



Original Color

75.2382, 0.3741, 0.4037

Protanomaly

75.2382, 0.3741, 0.4037

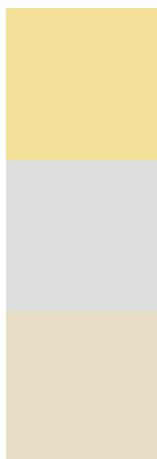
Deuteranomaly

75.2007, 0.3692, 0.3798

Tritanomaly

75.1624, 0.3452, 0.3446

Monochromacy



Original Color

75.2382, 0.3741, 0.4037

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6296, 0.3352, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2382, 0.3741, 0.4037 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 154) }
```

Border

The CSS property to change the border of an element to Yxy 75.2382, 0.3741, 0.4037 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, 154) }
```

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

```
.border{ border-color:rgb(243, 225, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 154);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2382, 0.3741, 0.4037 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, 154) }
```

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

```
.background{ background-color: rgb(243,  
225, 154) }
```

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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