

Converting Colors

$Y_{xy}(74.7259, 0.3723, 0.3952)$

Have a look what the booklet for
Yxy(74.7259, 0.3723, 0.3952)
contains.

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Color

Yxy(74.7259, 0.3723, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	F5DFA0
RGB	245, 223, 160
RGB Percent	96%, 87%, 63%
CMY	0.0391, 0.1255, 0.3726
CMYK	0.00, 0.09, 0.35, 0.04
HSL	44°, 81%, 79%
HSV	44°, 35%, 96%
XYZ	70.3959, 74.7259, 43.9620
YIQ	222.3960, 33.3350, -14.9290

Conversions

Conversions Part 2

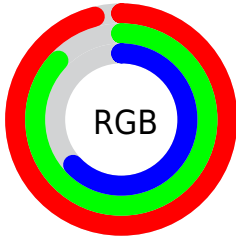
Format	Color
R _Y B	190, 245, 160
Decimal	16113568
CIE Lab	89.26, -1.34, 33.67
CIE LCh	89, 33.696, 92.284
Yxy	74.7259, 0.3723, 0.3952
Android (android.graphics.Color)	4294303648 (0xFFF5DFA0)
YUV	222.3960, -30.7612, 19.8237
Hunter-Lab	86.4441, -5.9156, 30.3584

Details

The Yxy color $74.7259, 0.3723, 0.3952$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $47.5293, 0.2534, 0.2524$, and the grayscale version is $73.5490, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6863, 0.3364, 0.3681$, and $39.7793, 0.3856, 0.4096$ is the 20% darker color. If you saturate the color by 10%, you get $70.6257, 0.3915, 0.4139$, and if you desaturate by 10%, it is $79.1292, 0.3537, 0.3758$.

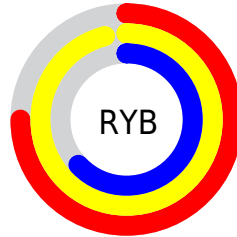
Distribution



Red (96%)

Green (87%)

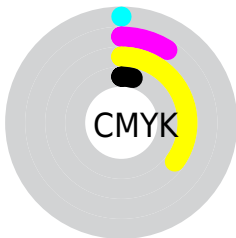
Blue (63%)



Red (75%)

Yellow (96%)

Blue (63%)

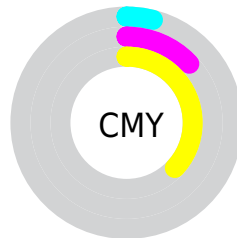


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (4%)



Cyan (4%)

Magenta (13%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7259, 0.3723, 0.3952 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 74.7259, 0.3723, 0.3952 by changing the saturation by 10% instead.


 74.7259, 0.3723,
0.3952


 74.7259, 0.3723,
0.3952


476.9749, 0.3453,
0.3650

 55.3884, 0.3782,
0.4019


 125.9243, 0.3631,
0.3849

 39.7127, 0.3854,
0.4100


 158.5539, 0.3595,
0.3808

 27.3146, 0.3943,
0.4200


196.3831, 0.3563,
0.3773

 17.8097, 0.4053,
0.4326

239.7961, 0.3535,
0.3742

 10.8134, 0.4193,
0.4487

289.1774, 0.3511,
0.3715

 5.9415, 0.4369,
0.4692

344.9114, 0.3489,

 2.8096, 0.4807,

0.3691

407.3824, 0.3470,
0.3669

0.5193

1.0331, 0.4780,
0.5220

0.0000, 0.0000,
0.0000

74.7259, 0.3723,
0.3952

74.7259, 0.3723,
0.3952

70.6257, 0.3915,
0.4139

79.1292, 0.3537,
0.3758

66.8069, 0.4106,
0.4309

83.8357, 0.3362,
0.3564

63.2605, 0.4289,
0.4451

88.8589, 0.3199,
0.3376

59.9727, 0.4454,
0.4555

94.0134, 0.3067,
0.3226

■ 56.9276, 0.4594,
0.4613

■ 97.9917, 0.3066,
0.3287

■ 54.1060, 0.4703,
0.4621

■ 98.1582, 0.3066,
0.3290

■ 52.6892, 0.4751,
0.4610

Harmonies

Analogous

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



74.7259, 0.3916, 0.3721



74.7259, 0.3723, 0.3952



74.7259, 0.3375, 0.4009

Triad

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



74.7259, 0.3723, 0.3952



74.7259, 0.2424, 0.3098



74.7259, 0.3244, 0.2820

Complementary

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



74.7259, 0.3723, 0.3952



47.5293, 0.2534, 0.2524

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.



74.7259, 0.2845, 0.2664



74.7259, 0.3723, 0.3952



74.7259, 0.2393, 0.2798

Square

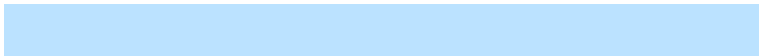
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7259, 0.3723, 0.3952



74.7259, 0.2630, 0.3488



74.7259, 0.2541, 0.2650



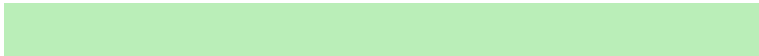
74.7259, 0.3633, 0.3084

Rectangle

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



74.7259, 0.3723, 0.3952



74.7259, 0.3107, 0.3920



74.7259, 0.2541, 0.2650



74.7259, 0.3106, 0.2754

Sweetspot

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



74.7293, 0.3723, 0.3952



94.3220, 0.3284, 0.3475



47.9586, 0.3730, 0.3045



20.0241, 0.3307, 0.3501



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.



74.7293, 0.3723, 0.3952



78.4711, 0.3864, 0.4091



83.8992, 0.3510, 0.4200



18.5443, 0.3275, 0.3464



28.6123, 0.4740, 0.4619



2.6801, 0.4656, 0.4685

Inverse Universe

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



47.5293, 0.2534, 0.2524



44.4194, 0.2394, 0.2327



41.4126, 0.2641, 0.2286



16.6246, 0.2979, 0.3109



5.6842, 0.1585, 0.0906



0.6593, 0.1650, 0.1141

Previews

White Background



This preview shows how the Yxy color 74.7259, 0.3723, 0.3952 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 74.7259, 0.3723, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

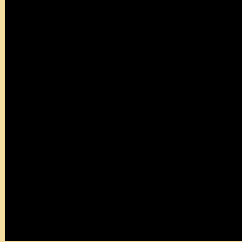
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7259, 0.3723, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 74.7259, 0.3723, 0.3952.



This preview shows how white text looks on a background with the Yxy color 74.7259, 0.3723, 0.3952.

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

74.7259, 0.3723, 0.3952

Protanopia

74.7266, 0.3696, 0.3967

Deuteranopia

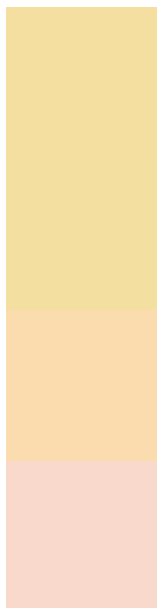
74.7802, 0.3659, 0.3661



Tritanopia

74.7453, 0.3296, 0.3120

Trichromacy



Original Color

74.7259, 0.3723, 0.3952

Protanomaly

74.9041, 0.3704, 0.3965

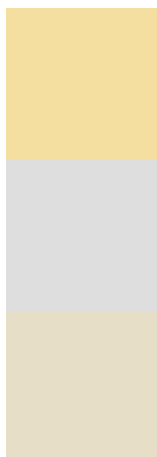
Deuteranomaly

74.7516, 0.3680, 0.3768

Tritanomaly

74.3575, 0.3456, 0.3415

Monochromacy



Original Color

74.7259, 0.3723, 0.3952

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1891, 0.3340, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7259, 0.3723, 0.3952 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(245, 223, 160)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 160)  
}
```

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(245, 223, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 160) }
```

Border

The CSS property to change the border of an element to Yxy 74.7259, 0.3723, 0.3952 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(245, 223, 160) }
```

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

```
.border{ border-color:rgb(245, 223, 160) }
```

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

Here you see how a box with a 4 pixel rgb(245, 223, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 160);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7259, 0.3723, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 160) }
```

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

```
.background{ background-color: rgb(245,  
223, 160) }
```

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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