

Converting Colors

Yxy(74.6172, 0.3852, 0.4163)

Have a look what the booklet for
Yxy(74.6172, 0.3852, 0.4163)
contains.

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Color

Yxy(74.6172, 0.3852, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	F5E08C
RGB	245, 224, 140
RGB Percent	96%, 88%, 55%
CMY	0.0393, 0.1215, 0.4509
CMYK	0.00, 0.09, 0.43, 0.04
HSL	48°, 84%, 75%
HSV	48°, 43%, 96%
XYZ	69.0429, 74.6172, 35.5789
YIQ	220.7030, 39.4800, -21.6720

Conversions

Conversions Part 2

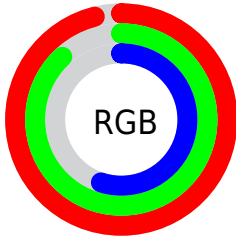
Format	Color
R_{YB}	166, 245, 140
Decimal	16113804
CIE _{Lab}	89.21, -4.04, 43.65
CIE _{LCh}	89, 43.834, 95.288
Yxy	74.6172, 0.3852, 0.4163
Android (android.graphics.Color)	4294303884 (0xFFFF5E08C)
YUV	220.7030, -39.7866, 21.3085
Hunter-Lab	86.3812, -8.4956, 36.0463

Details

The Yxy color **74.6172, 0.3852, 0.4163** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.6551, 0.2366, 0.2225**, and the grayscale version is **72.3524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **39.6453, 0.4002, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **71.3825, 0.4028, 0.4348**, and if you desaturate by 10%, it is **78.0955, 0.3673, 0.3962**.

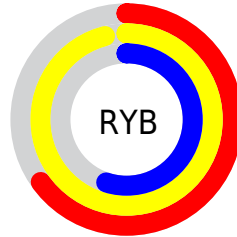
Distribution



Red (96%)

Green (88%)

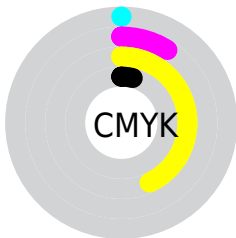
Blue (55%)



Red (65%)

Yellow (96%)

Blue (55%)

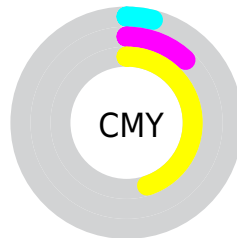


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (12%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6172, 0.3852, 0.4163 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 74.6172, 0.3852, 0.4163 by changing the saturation by 10% instead.

 74.6172, 0.3852,
0.4163

 74.6172, 0.3852,
0.4163


476.6008, 0.3529,
0.3767


 55.2993, 0.3921,
0.4249


 125.7703, 0.3744,
0.4029

 39.6414, 0.4002,
0.4352


 158.3744, 0.3700,
0.3975

 27.2591, 0.4099,
0.4478


 196.1760, 0.3663,
0.3929

 17.7679, 0.4214,
0.4631

239.5596, 0.3629,
0.3889

 10.7835, 0.4350,
0.4818

288.9094, 0.3600,
0.3853

 5.9214, 0.4526,
0.5071

344.6100, 0.3574,

 2.7974, 0.4671,

0.3821

0.5329

407.0456, 0.3550,
0.3793

1.0269, 0.4590,
0.5410

0.0000, 0.0000,
0.0000

74.6172, 0.3852,
0.4163

74.6172, 0.3852,
0.4163

71.3825, 0.4028,
0.4348

78.0955, 0.3673,
0.3962

68.3696, 0.4194,
0.4505


81.8174, 0.3496,
0.3754

65.5691, 0.4341,
0.4626

85.7960, 0.3328,
0.3547


62.9665, 0.4462,
0.4702


90.0403, 0.3170,
0.3346

 60.5441, 0.4554,
0.4730

 94.0657, 0.3067,
0.3227

 58.9036, 0.4605,
0.4726

 97.1235, 0.3066,
0.3274

 98.1502, 0.3066,
0.3290

Harmonies

Analogous

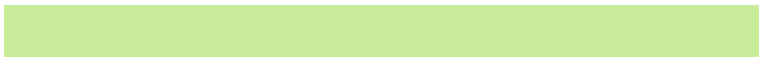
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6172, 0.4136, 0.3864



74.6172, 0.3852, 0.4163



74.6172, 0.3385, 0.4231

Triad

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



74.6172, 0.3852, 0.4163



74.6172, 0.2214, 0.2981



74.6172, 0.3328, 0.2720

Complementary

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



74.6172, 0.3852, 0.4163



37.6551, 0.2366, 0.2225

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.



74.6172, 0.2806, 0.2508



74.6172, 0.3852, 0.4163



74.6172, 0.2202, 0.2621

Square

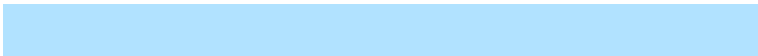
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6172, 0.3852, 0.4163



74.6172, 0.2449, 0.3491



74.6172, 0.2407, 0.2466



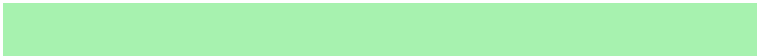
74.6172, 0.3829, 0.3058

Rectangle

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



74.6172, 0.3852, 0.4163



74.6172, 0.3039, 0.4099



74.6172, 0.2407, 0.2466



74.6172, 0.3147, 0.2633

Sweetspot

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



74.6207, 0.3852, 0.4163



93.8918, 0.3331, 0.3550



40.7439, 0.4021, 0.3064



19.8853, 0.3367, 0.3596



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.



74.6207, 0.3852, 0.4163



78.7843, 0.3998, 0.4317



81.4113, 0.3541, 0.4437



18.7180, 0.3273, 0.3478



31.9372, 0.4597, 0.4732



2.9466, 0.4537, 0.4780

Inverse Universe

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



37.6551, 0.2366, 0.2225



33.6897, 0.2204, 0.1977



34.0669, 0.2553, 0.2033



16.4629, 0.2979, 0.3095



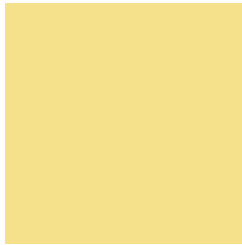
4.8871, 0.1555, 0.0796



0.5684, 0.1614, 0.1010

Previews

White Background



This preview shows how the Yxy color 74.6172, 0.3852, 0.4163 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 74.6172, 0.3852, 0.4163 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 74.6172, 0.3852, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 74.6172, 0.3852, 0.4163.



This preview shows how white text looks on a background with the Yxy color 74.6172, 0.3852, 0.4163.

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

74.6172, 0.3852, 0.4163

Protanopia

74.4379, 0.3844, 0.4166

Deuteranopia

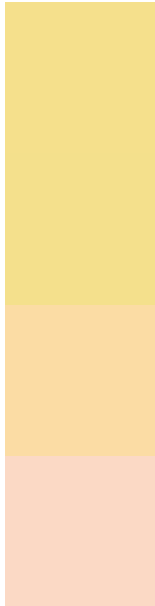
74.5771, 0.3696, 0.3712



Tritanopia

74.3725, 0.3312, 0.3120

Trichromacy



Original Color

74.6172, 0.3852, 0.4163

Protanomaly

74.4379, 0.3844, 0.4166

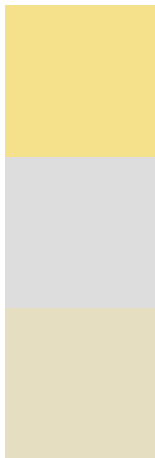
Deuteranomaly

74.3760, 0.3751, 0.3871

Tritanomaly

74.1662, 0.3522, 0.3498

Monochromacy



Original Color

74.6172, 0.3852, 0.4163

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8713, 0.3388, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6172, 0.3852, 0.4163 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, 224, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 140)  
}
```

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, 224, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 140) }
```

Border

The CSS property to change the border of an element to Yxy 74.6172, 0.3852, 0.4163 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, 224, 140) }
```

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

```
.border{ border-color:rgb(245, 224, 140) }
```

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

Here you see how a box with a 4 pixel rgb(245, 224, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6172, 0.3852, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 140) }
```

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

```
.background{ background-color: rgb(245,  
224, 140) }
```

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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