

Converting Colors

$Y_{xy}(80.9431, 0.4310, 0.4243)$

Have a look what the booklet for
Yxy(80.9431, 0.4310, 0.4243)
contains.

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Color

Yxy(74.7404, 0.4093, 0.4342)

Conversions

Conversions Part 1

Format	Color
Hex	FFDE73
RGB	255, 222, 115
RGB Percent	100%, 87%, 45%
CMY	0.0000, 0.1294, 0.5489
CMYK	0.00, 0.13, 0.55, 0.00
HSL	46°, 100%, 73%
HSV	46°, 55%, 100%
XYZ	70.4543, 74.7404, 26.9389
YIQ	219.6690, 54.0150, -26.2810

Conversions

Conversions Part 2

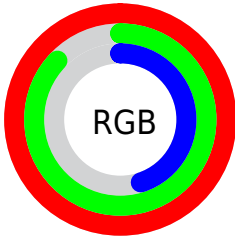
Format	Color
RYB	158, 255, 115
Decimal	16768627
CIELab	89.27, -1.25, 55.95
CIELCh	89, 55.960, 91.277
Yxy	74.7404, 0.4093, 0.4342
Android (android.graphics.Color)	4294958707 (0xFFFFDE73)
YUV	219.6690, -51.6018, 30.9853
Hunter-Lab	86.4525, -5.8238, 42.0418

Details

The Yxy color **74.7404, 0.4093, 0.4342** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.0472, 0.2143, 0.1923**, and the grayscale version is **71.6686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6446, 0.3638, 0.4134**, and **39.7210, 0.4284, 0.4543** is the 20% darker color. If you saturate the color by 10%, you get **71.1004, 0.4268, 0.4487**, and if you desaturate by 10%, it is **78.6636, 0.3908, 0.4168**.

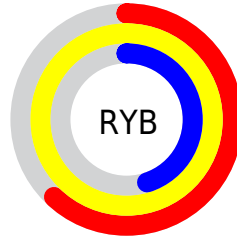
Distribution



Red (100%)

Green (87%)

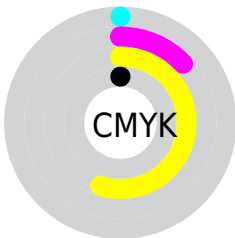
Blue (45%)



Red (62%)

Yellow (100%)

Blue (45%)

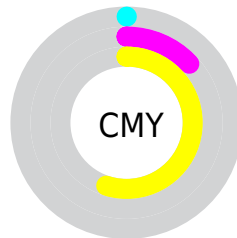


Cyan (0%)

Magenta (13%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7404, 0.4093, 0.4342 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 74.7404, 0.4093, 0.4342 by changing the saturation by 10% instead.

 74.7404, 0.4093,
0.4342

 74.7404, 0.4093,
0.4342


477.0248, 0.3671,
0.3880


 55.4002, 0.4178,
0.4437


 125.9448, 0.3955,
0.4190

 39.7223, 0.4277,
0.4546


 158.5779, 0.3898,
0.4128

 27.3221, 0.4390,
0.4673


 196.4107, 0.3849,
0.4074

 17.8152, 0.4517,
0.4816

239.8276, 0.3805,
0.4026

 10.8174, 0.4651,
0.4971

289.2131, 0.3766,
0.3983

 5.9442, 0.4825,
0.5175

344.9516, 0.3731,

 2.8112, 0.4811,

0.3945

0.5189

407.4273, 0.3700,
0.3911

■ 1.0340, 0.4787,
0.5213

■ 0.0000, 0.0000,
0.0000

■ 74.7404, 0.4093,
0.4342

■ 74.7404, 0.4093,
0.4342

■ 71.1004, 0.4268,
0.4487

■ 78.6636, 0.3908,
0.4168

■ 67.7179, 0.4423,
0.4594


■ 82.8727, 0.3721,
0.3976


■ 64.5795, 0.4553,
0.4653

■ 87.3833, 0.3538,
0.3776

■ 61.6641, 0.4652,
0.4664

■ 92.2068, 0.3364,
0.3576

 60.2460, 0.4693,
0.4656

 97.3535, 0.3202,
0.3382

99.9982, 0.3127,
0.3290

Harmonies

Analogous

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



74.7404, 0.4426, 0.3918



74.7404, 0.4093, 0.4342



74.7404, 0.3520, 0.4516

Triad

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



74.7404, 0.4093, 0.4342



74.7404, 0.2013, 0.2958



74.7404, 0.3282, 0.2537

Complementary

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



74.7404, 0.4093, 0.4342



32.0472, 0.2143, 0.1923

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.



74.7404, 0.2637, 0.2303



74.7404, 0.4093, 0.4342



74.7404, 0.1967, 0.2485

Square

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



74.7404, 0.4093, 0.4342



74.7404, 0.2327, 0.3634



74.7404, 0.2180, 0.2275



74.7404, 0.3946, 0.2929

Rectangle

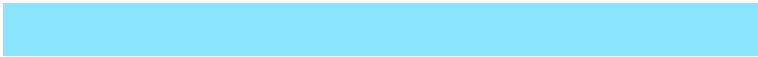
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7404, 0.4093, 0.4342



74.7404, 0.3085, 0.4397



74.7404, 0.2180, 0.2275



74.7404, 0.3054, 0.2439

Sweetspot

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



74.7439, 0.4093, 0.4342



91.6639, 0.3383, 0.3598



35.7276, 0.4349, 0.2939



19.4033, 0.3418, 0.3639



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.



74.7439, 0.4093, 0.4342



70.7186, 0.4286, 0.4501



87.9677, 0.3677, 0.4731



20.3224, 0.3275, 0.3471



31.7235, 0.4683, 0.4664



3.2556, 0.4615, 0.4717

Inverse Universe

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



32.0472, 0.2143, 0.1923



24.2452, 0.1945, 0.1601



25.9718, 0.2292, 0.1619



18.0724, 0.2979, 0.3103



5.6544, 0.1571, 0.0857



0.7096, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 74.7404, 0.4093, 0.4342 looks on a white background.

Color Contrast Check

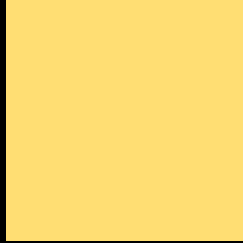
Large Text (above 18pt) WCAG AA × Fail

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 74.7404, 0.4093, 0.4342 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 74.7404, 0.4093, 0.4342

Background



This preview shows how black text looks on a background with the Yxy color 74.7404, 0.4093, 0.4342.



This preview shows how white text looks on a background with the Yxy color 74.7404, 0.4093, 0.4342.

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

74.7404, 0.4093, 0.4342

Protanopia

75.0678, 0.4017, 0.4384

Deuteranopia

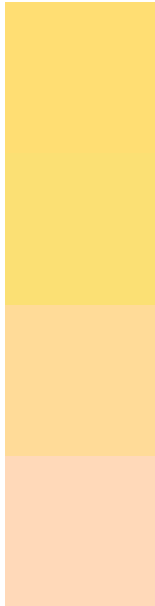
74.4199, 0.3725, 0.3753



Tritanopia

74.7894, 0.3354, 0.3180

Trichromacy



Original Color

74.7404, 0.4093, 0.4342

Protanomaly

75.0815, 0.4046, 0.4365

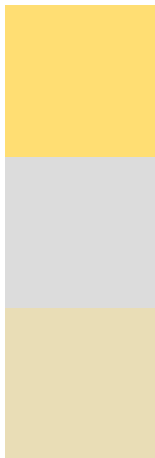
Deuteranomaly

74.1900, 0.3870, 0.3975

Tritanomaly

74.3885, 0.3640, 0.3620

Monochromacy



Original Color

74.7404, 0.4093, 0.4342

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4139, 0.3483, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7404, 0.4093, 0.4342 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(255, 222, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 115)  
}
```

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(255, 222, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 115) }
```

Border

The CSS property to change the border of an element to Yxy 74.7404, 0.4093, 0.4342 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(255, 222, 115) }
```

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

```
.border{ border-color:rgb(255, 222, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 222, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 222, 115); box-shadow:4px 4px 4px 4px rgb(255, 222, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7404, 0.4093, 0.4342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 115) }
```

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

```
.background{ background-color: rgb(255,  
222, 115) }
```

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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