

Converting Colors

XYZ(87.8826, 83.8087, 47.7274)

Have a look what the booklet for
XYZ(87.8826, 83.8087, 47.7274)
contains.

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Color

**XYZ(74.5106, 76.7885,
46.9709)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFA6
RGB	255, 223, 166
RGB Percent	100%, 87%, 65%
CMY	0.0000, 0.1255, 0.3490
CMYK	0.00, 0.13, 0.35, 0.00
HSL	38°, 100%, 83%
HSV	38°, 35%, 100%
XYZ	74.5106, 76.7885, 46.9709
YIQ	226.0700, 37.3690, -10.9430

Conversions

Conversions Part 2

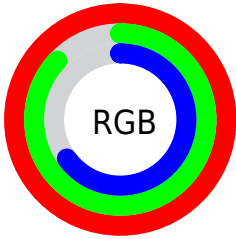
Format	Color
RYB	216, 255, 166
Decimal	16768934
CIELab	90.22, 3.17, 32.03
CIElCh	90, 32.182, 84.351
Yxy	76.7885, 0.3758, 0.3873
Android (android.graphics.Color)	4294959014 (0xFFFFDFA6)
YUV	226.0700, -29.6145, 25.3716
Hunter-Lab	87.6290, -1.5731, 29.5597

Details

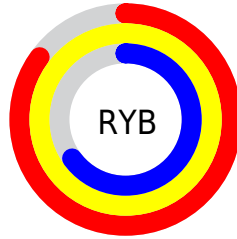
The XYZ color **74.5106, 76.7885, 46.9709** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.9694, 55.7134, 102.5170**, and the grayscale version is **72.5295, 76.3067, 83.0980**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **40.0659, 41.0905, 21.7391** is the 20% darker color. If you saturate the color by 10%, you get **70.0167, 71.1802, 35.0543**, and if you desaturate by 10%, it is **79.6048, 82.8546, 61.3773**.

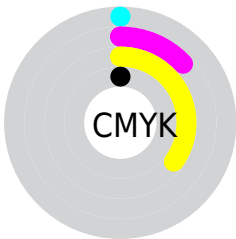
Distribution



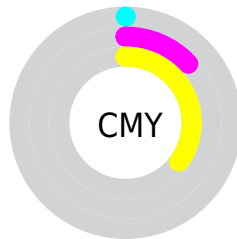
- Red (100%)
- Green (87%)
- Blue (65%)



- Red (85%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5106, 76.7885, 46.9709 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 XYZ color 74.5106, 76.7885, 46.9709 by changing the saturation by 10% instead.


 74.5106, 76.7885,
46.9709


 74.5106, 76.7885,
46.9709

465.2569,
484.0426, 391.0888

 55.5048, 57.0793,
32.6585


 124.6110,
128.8409, 87.0197

 40.0415, 41.0689,
21.5960


 156.4363,
161.9529, 113.5932

 27.7552, 28.3729,
13.3649


193.2654,
200.3012, 145.0907

 18.2807, 18.6070,
7.5466

235.4638,
244.2704, 181.9309

 11.2526, 11.3866,
3.7226

283.3968,
294.2447, 224.5323

 6.3056, 6.3275,
1.4745

337.4298,

 3.0742, 3.0452,

350.6086, 273.3133

0.1988

397.9280,
413.7464, 328.6926

■ 1.1931, 1.1554,
0.0000

■ 0.1009, 0.0248,
0.0000

■ 74.5106, 76.7885,
46.9709

■ 74.5106, 76.7885,
46.9709

■ 70.0167, 71.1802,
35.0543

■ 79.6048, 82.8546,
61.3773

■ 66.0877, 66.0040,
25.4771

■ 85.3208, 89.3821,
78.4026

■ 62.6929, 61.2470,
18.0797

■ 91.6860, 96.3878,
98.1726

■ 59.7958, 56.8909,
12.6803

95.0500, 100.0000,
108.9000

■ 57.3541, 52.9154,
9.0673

■ 55.3162, 49.2962,
6.9805

■ 54.3960, 47.5721,
6.3153

Harmonies

Analogous

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



82.3272, 76.7885, 52.6645



74.5106, 76.7885, 46.9709



66.8217, 76.7885, 49.5403

Triad

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



74.5106, 76.7885, 46.9709



59.8430, 76.7885, 103.1316



86.2189, 76.7885, 112.0184

Complementary

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



74.5106, 76.7885, 46.9709



53.9694, 55.7134, 102.5170

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.



79.5165, 76.7885, 130.5354



74.5106, 76.7885, 46.9709



64.3780, 76.7885, 124.7831

Square

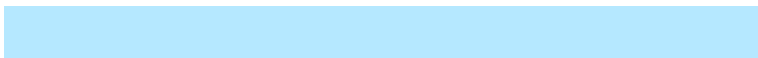
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5106, 76.7885, 46.9709



58.7162, 76.7885, 79.3456



71.4807, 76.7885, 135.5882



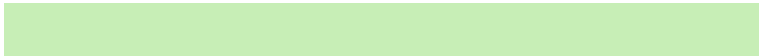
89.3966, 76.7885, 88.0237

Rectangle

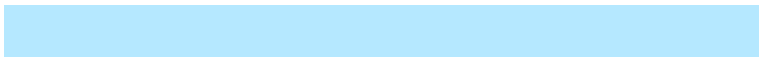
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5106, 76.7885, 46.9709



62.7468, 76.7885, 55.8867



71.4807, 76.7885, 135.5882



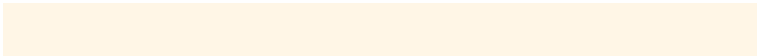
84.2808, 76.7885, 119.2530

Sweetspot

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



74.5125, 76.7920, 46.9725



88.3578, 92.7552, 87.7419



65.1430, 52.6397, 60.5377



18.7224, 19.6439, 18.1926



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

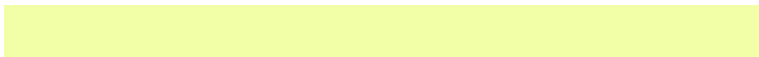
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5125, 76.7920, 46.9725



71.2613, 72.7628, 38.2642



79.6514, 93.3517, 49.8980



18.9798, 19.9278, 18.9904



28.5697, 25.1505, 3.3488



2.8853, 2.6560, 0.3606

Inverse Universe

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



53.9694, 55.7134, 102.5170



47.8882, 48.7936, 101.5019



50.0165, 43.9426, 100.4534



17.5374, 18.4465, 22.8861



11.5444, 7.9984, 50.3700



1.2231, 0.9768, 4.9374

Previews

White Background



This preview shows how the XYZ color 74.5106, 76.7885, 46.9709 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 XYZ color 74.5106, 76.7885, 46.9709 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](#).

XYZ 74.5106, 76.7885, 46.9709

Background



This preview shows how black text looks on a background with the XYZ color 74.5106, 76.7885, 46.9709.



This preview shows how white text looks on a background with the XYZ color 74.5106, 76.7885,

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

74.5106, 76.7885, 46.9709

Protanopia

71.8452, 76.9984, 48.1213

Deuteranopia

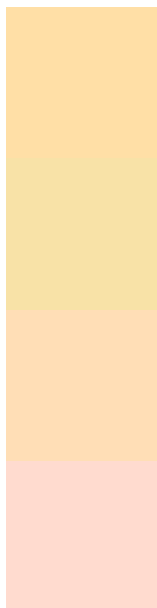
76.5004, 76.7345, 60.0694



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

74.5106, 76.7885, 46.9709

Protanomaly

72.8828, 77.1392, 47.6072

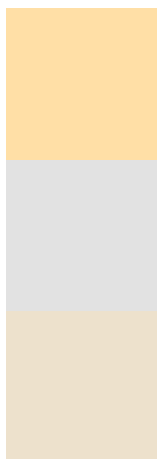
Deuteranomaly

75.8048, 76.8800, 55.0999

Tritanomaly

77.8340, 76.4280, 69.6813

Monochromacy



Original Color

74.5106, 76.7885, 46.9709

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7493, 76.2146, 68.0033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5106, 76.7885, 46.9709 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, 223, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 166)  
}
```

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, 223, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 166) }
```

Border

The CSS property to change the border of an element to XYZ 74.5106, 76.7885, 46.9709 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, 223, 166) }
```


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

```
.border{ border-color:rgb(255, 223, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 223, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5106, 76.7885, 46.9709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 166) }
```

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

```
.background{ background-color: rgb(255,  
223, 166) }
```

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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