

Converting Colors

XYZ(74.7805, 76.9870, 48.1132)

Have a look what the booklet for
XYZ(74.7805, 76.9870, 48.1132)
contains.

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Color

**XYZ(74.6956, 76.8625,
47.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFA8
RGB	255, 223, 168
RGB Percent	100%, 87%, 66%
CMY	0.0000, 0.1255, 0.3412
CMYK	0.00, 0.13, 0.34, 0.00
HSL	38°, 100%, 83%
HSV	38°, 34%, 100%
XYZ	74.6956, 76.8625, 47.9449
YIQ	226.2980, 36.7270, -10.3210

Conversions

Conversions Part 2

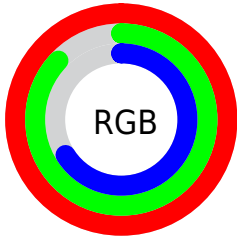
Format	Color
RYB	219, 255, 168
Decimal	16768936
CIELab	90.26, 3.40, 31.05
CIElCh	90, 31.233, 83.747
Yxy	76.8625, 0.3744, 0.3853
Android (android.graphics.Color)	4294959016 (0xFFFFDFA8)
YUV	226.2980, -28.7409, 25.1717
Hunter-Lab	87.6713, -1.3433, 28.9459

Details

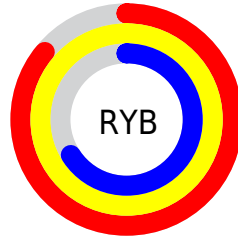
The XYZ color **74.6956, 76.8625, 47.9449** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.8522, 56.8516, 102.6902**, and the grayscale version is **72.6889, 76.4744, 83.2807**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **40.1231, 41.1134, 22.0406** is the 20% darker color. If you saturate the color by 10%, you get **70.1130, 71.1335, 35.8241**, and if you desaturate by 10%, it is **79.8866, 83.0624, 62.5684**.

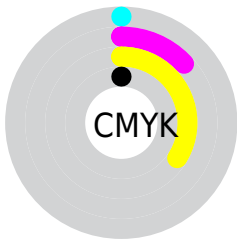
Distribution



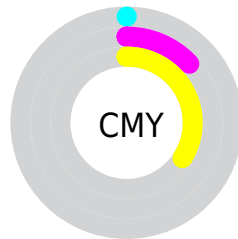
- Red (100%)
- Green (87%)
- Blue (66%)



- Red (86%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6956, 76.8625, 47.9449 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 74.6956, 76.8625, 47.9449 by changing the saturation by 10% instead.


 74.6956, 76.8625,
47.9449

 74.6956, 76.8625,
47.9449


465.8840,
484.2951, 395.0761

 55.6568, 57.1400,
33.4236


 124.8716,
128.9454, 88.4871

 40.1638, 41.1177,
22.1774


 156.7395,
162.0746, 115.3450

 27.8510, 28.4110,
13.7877

193.6146,
200.4414, 147.1521

 18.3533, 18.6357,
7.8361

235.8621,
244.4304, 184.3271

 11.3051, 11.4074,
3.9040

283.8475,
294.4259, 227.2885

 6.3413, 6.3415,
1.5728

337.9360,

 3.0963, 3.0539,

350.8122, 276.4547

0.2713

398.4930,
413.9738, 332.2444

■ 1.2049, 1.1599,
0.0000

■ 0.1102, 0.0286,
0.0000

■ 74.6956, 76.8625,
47.9449

■ 74.6956, 76.8625,
47.9449

■ 70.1130, 71.1335,
35.8241

■ 79.8866, 83.0624,
62.5684

■ 66.1036, 65.8496,
26.0565

■ 85.7077, 89.7371,
79.8230

■ 62.6368, 60.9975,
18.4839

■ 92.1862, 96.9037,
99.8338

■ 59.6763, 56.5591,
12.9263

95.0500, 100.0000,
108.9000

■ 57.1801, 52.5136,
9.1750

■ 55.0974, 48.8369,
6.9745

■ 54.0239, 46.8279,
6.1913

Harmonies

Analogous

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



82.2550, 76.8625, 53.7011



74.6956, 76.8625, 47.9449



67.2008, 76.8625, 50.3067

Triad

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



74.6956, 76.8625, 47.9449



60.2113, 76.8625, 102.1372



85.7828, 76.8625, 111.6399

Complementary

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



74.6956, 76.8625, 47.9449



54.8522, 56.8516, 102.6902

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.



79.2408, 76.8625, 129.3015



74.6956, 76.8625, 47.9449



64.5689, 76.8625, 123.1700

Square

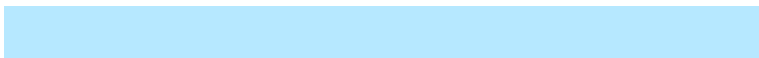
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6956, 76.8625, 47.9449



59.1831, 76.8625, 79.1138



71.4396, 76.8625, 133.8568



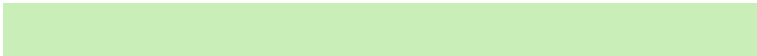
88.9421, 76.8625, 88.4397

Rectangle

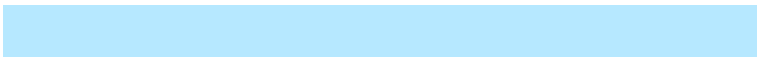
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6956, 76.8625, 47.9449



63.2007, 76.8625, 56.4207



71.4396, 76.8625, 133.8568



83.8850, 76.8625, 118.5761

Sweetspot

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



74.6975, 76.8660, 47.9465



88.2938, 92.6271, 87.7205



65.8270, 53.4997, 62.3323



18.7068, 19.6128, 18.1874



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.



74.6975, 76.8660, 47.9465



71.4788, 72.8714, 39.3428



80.4320, 93.7328, 50.8999



18.9668, 19.9017, 18.9861



28.3761, 24.7635, 3.2843



2.8673, 2.6199, 0.3546

Inverse Universe

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



54.8522, 56.8516, 102.6902



48.8864, 50.0983, 101.7011



50.4480, 44.7090, 100.5785



17.5500, 18.4716, 22.8903



11.6425, 8.1946, 50.4027



1.2336, 0.9979, 4.9409

Previews

White Background



This preview shows how the XYZ color 74.6956, 76.8625, 47.9449 looks on a white background.

Color Contrast Check

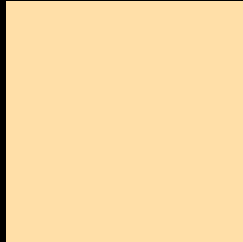
Large Text (above 18pt) WCAG AA × Fail

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 74.6956, 76.8625, 47.9449 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 74.6956, 76.8625, 47.9449

Background



This preview shows how black text looks on a background with the XYZ color 74.6956, 76.8625, 47.9449.



This preview shows how white text looks on a background with the XYZ color 74.6956, 76.8625,

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

74.6956, 76.8625, 47.9449

Protanopia

72.0330, 77.0735, 49.1103

Deuteranopia

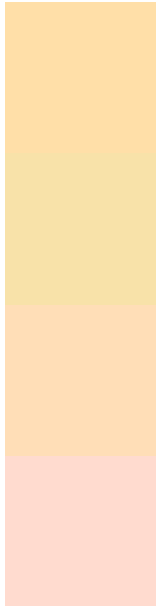
76.6109, 76.7787, 60.6511



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

74.6956, 76.8625, 47.9449

Protanomaly

73.0692, 77.2137, 48.5887

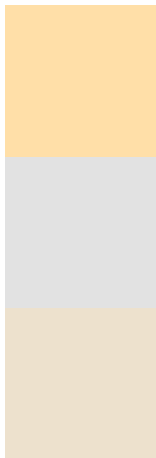
Deuteranomaly

75.9085, 76.9214, 55.6463

Tritanomaly

77.8340, 76.4280, 69.6813

Monochromacy



Original Color

74.6956, 76.8625, 47.9449

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8697, 76.2627, 68.6371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6956, 76.8625, 47.9449 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 168) }
```

Border

The CSS property to change the border of an element to XYZ 74.6956, 76.8625, 47.9449 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, 168) }
```


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

```
.border{ border-color:rgb(255, 223, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6956, 76.8625, 47.9449 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
223, 168) }
```

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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