

Converting Colors

XYZ(197.2982, 139.1977,
56.3995)

Have a look what the booklet for
XYZ(197.2982, 139.1977, 56.3995)
contains.

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Color

**XYZ(74.7364, 76.0289,
50.7804)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAE
RGB	255, 221, 174
RGB Percent	100%, 87%, 68%
CMY	0.0000, 0.1333, 0.3176
CMYK	0.00, 0.13, 0.32, 0.00
HSL	35°, 100%, 84%
HSV	35°, 32%, 100%
XYZ	74.7364, 76.0289, 50.7804
YIQ	225.8080, 35.3510, -7.4090

Conversions

Conversions Part 2

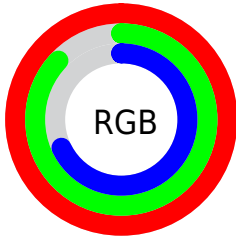
Format	Color
RYB	233, 255, 174
Decimal	16768430
CIELab	89.87, 5.15, 27.44
CIELCh	90, 27.919, 79.375
Yxy	76.0289, 0.3708, 0.3772
Android (android.graphics.Color)	4294958510 (0xFFFFDDAE)
YUV	225.8080, -25.5413, 25.6014
Hunter-Lab	87.1946, 0.4059, 26.5069

Details

The XYZ color **74.7364, 76.0289, 50.7804** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.0607, 61.3284, 103.3852**, and the grayscale version is **72.3125, 76.0783, 82.8493**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **40.1134, 40.5232, 23.7967** is the 20% darker color. If you saturate the color by 10%, you get **69.7470, 69.6578, 37.9950**, and if you desaturate by 10%, it is **80.3818, 82.9561, 66.1144**.

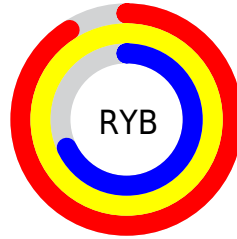
Distribution



Red (100%)

Green (87%)

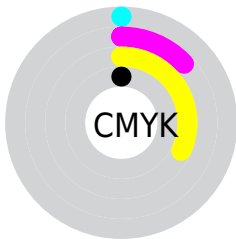
Blue (68%)



Red (91%)

Yellow (100%)

Blue (68%)

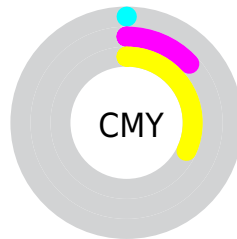


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7364, 76.0289, 50.7804 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 74.7364, 76.0289, 50.7804 by changing the saturation by 10% instead.


 74.7364, 76.0289,
50.7804

 74.7364, 76.0289,
50.7804


466.0222,
481.4466, 406.5322

 55.6904, 56.4562,
35.6584


 124.9291,
127.7678, 92.7383

 40.1908, 40.5688,
23.8829


156.8064,
160.7027, 120.4112

 27.8722, 27.9823,
15.0353


193.6916,
198.8605, 153.1048

 18.3693, 18.3123,
8.6973

235.9499,
242.6256, 191.2376

 11.3167, 11.1745,
4.4502

283.9468,
292.3824, 235.2282

 6.3492, 6.1843,
1.8754

338.0476,

 3.1012, 2.9575,

348.5152, 285.4952

0.4770

398.6176,
411.4085, 342.4570

■ 1.2075, 1.1096,
0.0000

■ 0.1123, 0.0000,
0.0000

■ 74.7364, 76.0289,
50.7804

■ 74.7364, 76.0289,
50.7804

■ 69.7470, 69.6578,
37.9950

■ 80.3818, 82.9561,
66.1144

■ 65.3776, 63.8148,
27.6112

■ 86.7053, 90.4451,
84.1233

■ 61.5974, 58.4850,
19.4745

■ 93.7349, 98.5151,
104.9306

■ 58.3697, 53.6479,
13.4099

■ 95.0500, 100.0000,
108.9000

■ 55.6530, 49.2811,
9.2159

■ 53.3977, 45.3588,
6.6503

■ 51.8269, 42.4338,
5.4590

Harmonies

Analogous

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



81.2474, 76.0289, 57.1702



74.7364, 76.0289, 50.7804



67.9520, 76.0289, 51.8709

Triad

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



74.7364, 76.0289, 50.7804



60.4595, 76.0289, 96.0338



82.8043, 76.0289, 110.0593

Complementary

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



74.7364, 76.0289, 50.7804



58.0607, 61.3284, 103.3852

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.



76.7530, 76.0289, 124.0347



74.7364, 76.0289, 50.7804



63.9669, 76.0289, 115.0882

Square

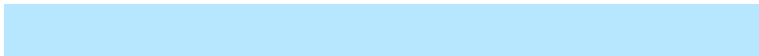
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7364, 76.0289, 50.7804



59.9957, 76.0289, 75.9744



69.8452, 76.0289, 126.0089



86.0984, 76.0289, 89.9857

Rectangle

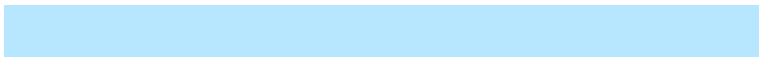
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7364, 76.0289, 50.7804



64.1716, 76.0289, 56.7549



69.8452, 76.0289, 126.0089



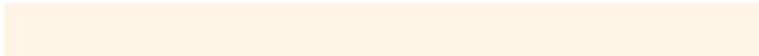
81.0079, 76.0289, 115.7534

Sweetspot

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



74.7383, 76.0324, 50.7820



87.8932, 91.8260, 87.5870



67.8976, 56.1413, 67.6450



18.6098, 19.4187, 18.1550



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.



74.7383, 76.0324, 50.7820



71.5510, 71.9938, 42.5179



82.6814, 94.8263, 53.9909



18.8850, 19.7383, 18.9589



27.2317, 22.4746, 2.9028



2.7595, 2.4045, 0.3187

Inverse Universe

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



58.0607, 61.3284, 103.3852



52.5401, 55.2391, 102.5008



51.8698, 47.1245, 100.9698



17.6295, 18.6305, 22.9168



12.3196, 9.5487, 50.6284



1.3046, 1.1400, 4.9646

Previews

White Background



This preview shows how the XYZ color 74.7364, 76.0289, 50.7804 looks on a white background.

Color Contrast Check

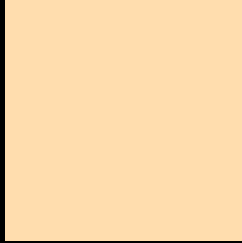
Large Text (above 18pt) WCAG AA × Fail

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 74.7364, 76.0289, 50.7804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

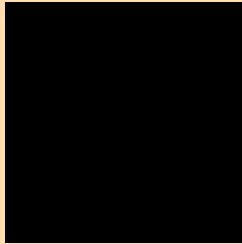
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7364, 76.0289, 50.7804

Background



This preview shows how black text looks on a background with the XYZ color 74.7364, 76.0289, 50.7804.



This preview shows how white text looks on a background with the XYZ color 74.7364, 76.0289,

50.7804.

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

74.7364, 76.0289, 50.7804

Protanopia

71.3085, 76.2281, 52.0294

Deuteranopia

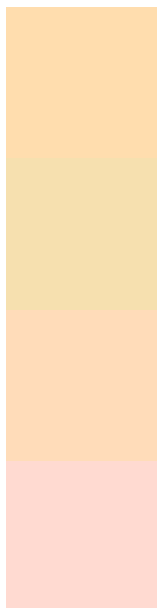
76.2372, 76.2080, 59.9817



Tritanopia

79.9387, 76.0289, 84.5906

Trichromacy



Original Color

74.7364, 76.0289, 50.7804

Protanomaly

72.3996, 75.9993, 51.4109

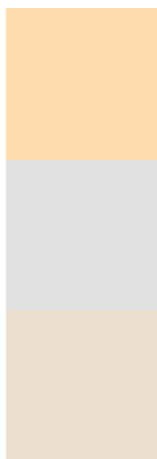
Deuteranomaly

75.5902, 75.9492, 56.5746

Tritanomaly

77.8200, 76.0063, 70.8907

Monochromacy



Original Color

74.7364, 76.0289, 50.7804

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8432, 75.8208, 69.8271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7364, 76.0289, 50.7804 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, 221, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 174)  
}
```

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, 221, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 174) }
```

Border

The CSS property to change the border of an element to XYZ 74.7364, 76.0289, 50.7804 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, 221, 174) }
```


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

```
.border{ border-color:rgb(255, 221, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7364, 76.0289, 50.7804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 174) }
```

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

```
.background{ background-color: rgb(255,  
221, 174) }
```

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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