

Converting Colors

XYZ(135.1310, 107.0385,
54.2168)

Have a look what the booklet for
XYZ(135.1310, 107.0385, 54.2168)
contains.

XYZ(74.8343, 76.0680, 51.2958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8343, 76.0680,
51.2958)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDAF
RGB	255, 221, 175
RGB Percent	100%, 87%, 69%
CMY	0.0000, 0.1333, 0.3137
CMYK	0.00, 0.13, 0.31, 0.00
HSL	35°, 100%, 84%
HSV	35°, 31%, 100%
XYZ	74.8343, 76.0680, 51.2958
YIQ	225.9220, 35.0300, -7.0980

Conversions

Conversions Part 2

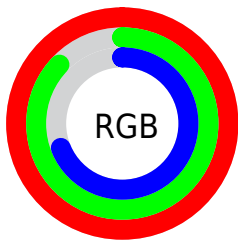
Format	Color
RYB	234, 255, 175
Decimal	16768431
CIELab	89.89, 5.27, 26.95
CIELCh	90, 27.459, 78.933
Yxy	76.0680, 0.3701, 0.3762
Android (android.graphics.Color)	4294958511 (0xFFFFDDAF)
YUV	225.9220, -25.1045, 25.5014
Hunter-Lab	87.2170, 0.5277, 26.1811

Details

The XYZ color **74.8343, 76.0680, 51.2958** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.5290, 61.9329, 103.4772**, and the grayscale version is **72.3919, 76.1619, 82.9404**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **40.1750, 40.5479, 24.1214** is the 20% darker color. If you saturate the color by 10%, you get **69.7937, 69.6235, 38.4044**, and if you desaturate by 10%, it is **80.5363, 83.0780, 66.7425**.

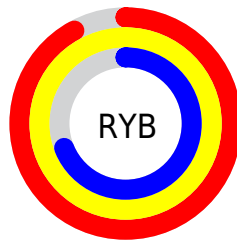
Distribution



Red (100%)

Green (87%)

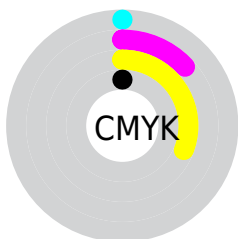
Blue (69%)



Red (92%)

Yellow (100%)

Blue (69%)

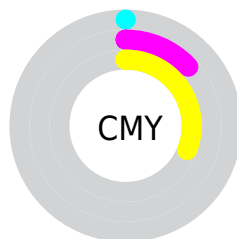


Cyan (0%)

Magenta (13%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8343, 76.0680, 51.2958 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 74.8343, 76.0680, 51.2958 by changing the saturation by 10% instead.


 74.8343, 76.0680,
51.2958

 74.8343, 76.0680,
51.2958


466.3538,
481.5804, 408.5913

 55.7708, 56.4883,
36.0657


 125.0669,
127.8230, 93.5078

 40.2555, 40.5945,
24.1949


156.9668,
160.7671, 121.3269

 27.9229, 28.0024,
15.2647


193.8763,
198.9348, 154.1793

 18.4077, 18.3275,
8.8567

236.1606,
242.7104, 192.4837

 11.3446, 11.1853,
4.5523

284.1851,
292.4784, 236.6585

 6.3681, 6.1916,
1.9330

338.3153,

 3.1129, 2.9620,

348.6231, 287.1223

0.5136

398.9164,
411.5290, 344.2938

■ 1.2138, 1.1119,
0.0000

■ 0.1172, 0.0000,
0.0000

■ 74.8343, 76.0680,
51.2958

■ 74.8343, 76.0680,
51.2958

■ 69.7937, 69.6235,
38.4044

■ 80.5363, 83.0780,
66.7425

■ 65.3788, 63.7164,
27.9221

■ 86.9220, 90.6596,
84.8706

■ 61.5584, 58.3314,
19.6945

■ 94.0194, 98.8320,
105.8032

■ 58.2962, 53.4481,
13.5476

■ 95.0500, 100.0000,
108.9000

■ 55.5504, 49.0436,
9.2812

■ 53.2719, 45.0921,
6.6551

■ 51.6182, 42.0165,
5.3894

Harmonies

Analogous

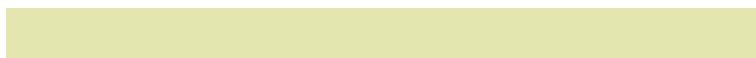
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2162, 76.0680, 57.7234



74.8343, 76.0680, 51.2958



68.1486, 76.0680, 52.2659

Triad

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



74.8343, 76.0680, 51.2958



60.6463, 76.0680, 95.5521



82.5916, 76.0680, 109.8819

Complementary

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



74.8343, 76.0680, 51.2958



58.5290, 61.9329, 103.4772

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.



76.6174, 76.0680, 123.4426



74.8343, 76.0680, 51.2958



64.0622, 76.0680, 114.3169

Square

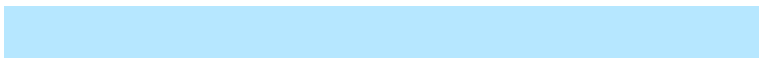
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8343, 76.0680, 51.2958



60.2352, 76.0680, 75.8564



69.8243, 76.0680, 125.1819



85.8778, 76.0680, 90.2081

Rectangle

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



74.8343, 76.0680, 51.2958



64.4063, 76.0680, 57.0228



69.8243, 76.0680, 125.1819



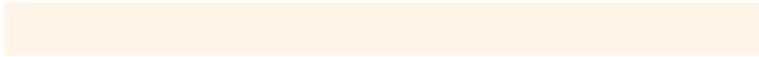
80.8145, 76.0680, 115.4298

Sweetspot

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



74.8362, 76.0715, 51.2974



88.5400, 92.5439, 89.5774



68.1618, 56.5573, 68.0801



18.7377, 19.5599, 18.5512



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.



74.8362, 76.0715, 51.2974



71.4223, 71.7363, 42.4750



82.8031, 94.8777, 54.5074



18.8768, 19.7218, 18.9561



27.1228, 22.2568, 2.8665



2.7492, 2.3837, 0.3152

Inverse Universe

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



58.5290, 61.9329, 103.4772



52.6572, 55.4731, 102.5398



52.2808, 47.6242, 101.0446



17.6375, 18.6466, 22.9195



12.3939, 9.6974, 50.6531



1.3123, 1.1553, 4.9671

Previews

White Background



This preview shows how the XYZ color 74.8343, 76.0680, 51.2958 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 74.8343, 76.0680, 51.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

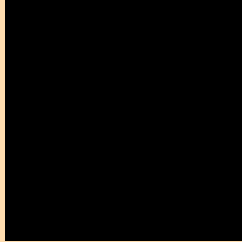
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8343, 76.0680, 51.2958

Background



This preview shows how black text looks on a background with the XYZ color 74.8343, 76.0680, 51.2958.



This preview shows how white text looks on a background with the XYZ color 74.8343, 76.0680,

51.2958.

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

74.8343, 76.0680, 51.2958

Protanopia

71.4078, 76.2678, 52.5525

Deuteranopia

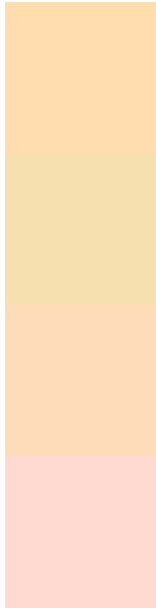
76.2372, 76.2080, 59.9817



Tritanopia

79.9387, 76.0289, 84.5906

Trichromacy



Original Color

74.8343, 76.0680, 51.2958

Protanomaly

72.4982, 76.0387, 51.9302

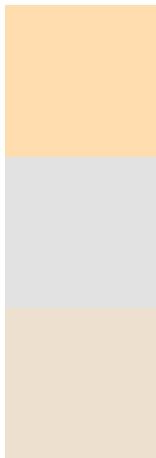
Deuteranomaly

75.5902, 75.9492, 56.5746

Tritanomaly

77.8200, 76.0063, 70.8907

Monochromacy



Original Color

74.8343, 76.0680, 51.2958

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 74.8343, 76.0680, 51.2958 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 175) }
```

Border

The CSS property to change the border of an element to XYZ 74.8343, 76.0680, 51.2958 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, 175) }
```


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

```
.border{ border-color:rgb(255, 221, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 221, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 221, 175); box-shadow:4px 4px 4px 4px rgb(255, 221, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8343, 76.0680, 51.2958 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
221, 175) }
```

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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