

Converting Colors

XYZ(124.3497, 100.0000,
40.2204)

Have a look what the booklet for
XYZ(124.3497, 100.0000, 40.2204)
contains.

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Color

**XYZ(71.0623, 72.4783,
37.8481)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD893
RGB	255, 216, 147
RGB Percent	100%, 85%, 58%
CMY	0.0000, 0.1529, 0.4235
CMYK	0.00, 0.15, 0.42, 0.00
HSL	38°, 100%, 79%
HSV	38°, 42%, 100%
XYZ	71.0623, 72.4783, 37.8481
YIQ	219.7950, 45.3930, -13.1910

Conversions

Conversions Part 2

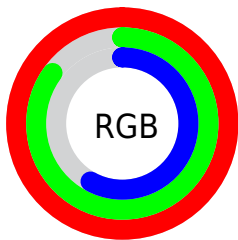
Format	Color
R _Y B	208, 255, 147
Decimal	16767123
CIE _{Lab}	88.20, 4.68, 39.03
CIE _{LCh}	88, 39.308, 83.169
Y _{xy}	72.4783, 0.3918, 0.3996
Android (android.graphics.Color)	4294957203 (0xFFFFD893)
Y _{UV}	219.7950, -35.8879, 30.8748
Hunter-Lab	85.1342, 0.0108, 33.2354

Details

The XYZ color **71.0623, 72.4783, 37.8481** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.6409, 48.5391, 101.4656**, and the grayscale version is **68.1063, 71.6531, 78.0302**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **37.5754, 38.0517, 16.1908** is the 20% darker color. If you saturate the color by 10%, you get **66.9863, 67.1814, 27.6878**, and if you desaturate by 10%, it is **75.7176, 78.2238, 50.3910**.

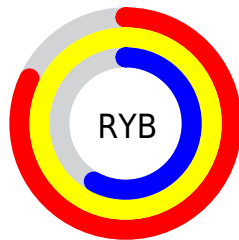
Distribution



Red (100%)

Green (85%)

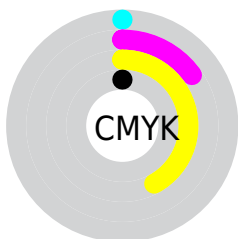
Blue (58%)



Red (82%)

Yellow (100%)

Blue (58%)

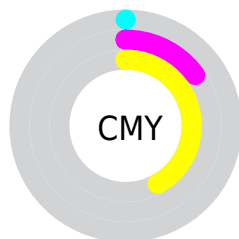


Cyan (0%)

Magenta (15%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0623, 72.4783, 37.8481 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 71.0623, 72.4783, 37.8481 by changing the saturation by 10% instead.


 71.0623, 72.4783,
37.8481

 71.0623, 72.4783,
37.8481


453.4796,
469.2047, 352.2465

 52.6758, 53.5495,
25.5639


 119.7405,
122.7363, 73.0761

 37.7704, 38.2416,
16.2748


 150.7628,
154.8343, 96.8570

 25.9810, 26.1703,
9.5624


186.7278,
192.0908, 125.3071

 16.9420, 16.9511,
5.0080

228.0007,
234.8902, 158.8452

 10.2882, 10.1996,
2.1931

274.9470,
283.6169, 197.8896

 5.6542, 5.5315,
0.6704

327.9321,

 2.6746, 2.5624,

338.6552, 242.8589

0.0000

387.3211,
400.3897, 294.1717

■ 0.9841, 0.9078,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0623, 72.4783,
37.8481

■ 71.0623, 72.4783,
37.8481

■ 66.9863, 67.1814,
27.6878

■ 75.7176, 78.2238,
50.3910

■ 63.4524, 62.3067,
19.7490

■ 80.9759, 84.4226,
65.4547

■ 60.4271, 57.8400,
13.8572

■ 86.8657, 91.0921,
83.1718

■ 57.8696, 53.7614,
9.8098

■ 93.4121, 98.2456,
103.6642

■ 55.7312, 50.0476, 95.0499, 100.0000,
7.3616 108.9000

■ 54.3248, 47.4296,
6.2916

Harmonies

Analogous

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



80.3098, 72.4783, 44.2922



71.0623, 72.4783, 37.8481



62.0144, 72.4783, 40.2308

Triad

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



71.0623, 72.4783, 37.8481



53.5620, 72.4783, 101.1019



84.4034, 72.4783, 114.2198

Complementary

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



71.0623, 72.4783, 37.8481



47.6409, 48.5391, 101.4656

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.



76.2526, 72.4783, 136.7612



71.0623, 72.4783, 37.8481



58.6048, 72.4783, 128.0630

Square

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



71.0623, 72.4783, 37.8481



52.4450, 72.4783, 72.9141



66.7594, 72.4783, 142.3322



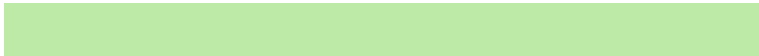
88.4531, 72.4783, 85.2397

Rectangle

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



71.0623, 72.4783, 37.8481



57.2402, 72.4783, 46.8445



66.7594, 72.4783, 142.3322



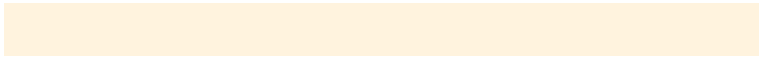
82.0186, 72.4783, 123.0465

Sweetspot

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



71.0641, 72.4817, 37.8496



86.4646, 90.6456, 81.9411



60.6010, 45.6989, 52.4170



18.2188, 19.0795, 16.6600



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.



71.0641, 72.4817, 37.8496



67.5052, 67.8729, 28.9282



77.1658, 92.2570, 41.3450



18.9773, 19.9228, 18.9896



28.5327, 25.0765, 3.3364



2.8819, 2.6491, 0.3594

Inverse Universe

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



47.6409, 48.5391, 101.4656



41.2347, 41.0453, 100.3570



43.2631, 35.7070, 99.2195



17.5398, 18.4512, 22.8869



11.5628, 8.0353, 50.3761



1.2251, 0.9808, 4.9380

Previews

White Background



This preview shows how the XYZ color 71.0623, 72.4783, 37.8481 looks on a white background.

Color Contrast Check

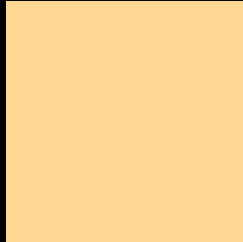
Large Text (above 18pt) WCAG AA × Fail

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 71.0623, 72.4783, 37.8481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

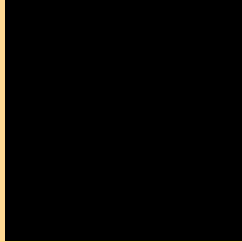
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0623, 72.4783, 37.8481

Background



This preview shows how black text looks on a background with the XYZ color 71.0623, 72.4783, 37.8481.



This preview shows how white text looks on a background with the XYZ color 71.0623, 72.4783,

37.8481.

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

71.0623, 72.4783, 37.8481

Protanopia

67.2164, 72.4081, 38.8672

Deuteranopia

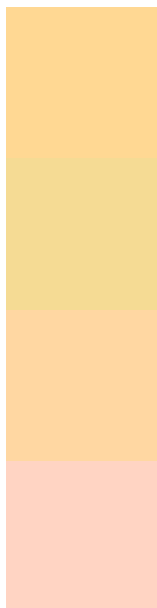
72.6373, 72.2934, 48.6537



Tritanopia

77.4714, 72.6271, 79.0425

Trichromacy



Original Color

71.0623, 72.4783, 37.8481

Protanomaly

68.3330, 72.2136, 38.3541

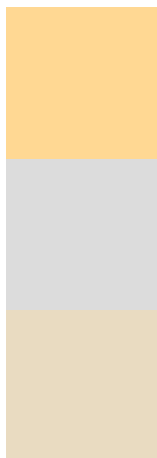
Deuteranomaly

72.0620, 72.4695, 44.3724

Tritanomaly

74.6338, 72.2871, 61.6489

Monochromacy



Original Color

71.0623, 72.4783, 37.8481

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.5614, 71.8369, 60.7044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0623, 72.4783, 37.8481 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, 216, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 147)  
}
```

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, 216, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 147) }
```

Border

The CSS property to change the border of an element to XYZ 71.0623, 72.4783, 37.8481 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, 216, 147) }
```


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

```
.border{ border-color:rgb(255, 216, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0623, 72.4783, 37.8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 147) }
```

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

```
.background{ background-color: rgb(255,  
216, 147) }
```

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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