

Converting Colors

XYZ(72.0376, 72.9669, 42.6801)

Have a look what the booklet for
XYZ(72.0376, 72.9669, 42.6801)
contains.

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Color

**XYZ(71.9674, 72.8404,
42.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD89E
RGB	255, 216, 158
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1529, 0.3804
CMYK	0.00, 0.15, 0.38, 0.00
HSL	36°, 100%, 81%
HSV	36°, 38%, 100%
XYZ	71.9674, 72.8404, 42.6143
YIQ	221.0490, 41.8620, -9.7700

Conversions

Conversions Part 2

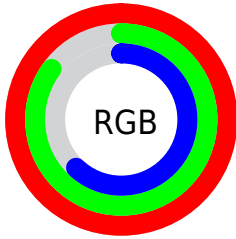
Format	Color
RYB	223, 255, 158
Decimal	16767134
CIELab	88.37, 5.85, 33.66
CIELCh	88, 34.160, 80.144
Yxy	72.8404, 0.3840, 0.3886
Android (android.graphics.Color)	4294957214 (0xFFFFD89E)
YUV	221.0490, -31.0832, 29.7750
Hunter-Lab	85.3466, 1.1613, 30.1386

Details

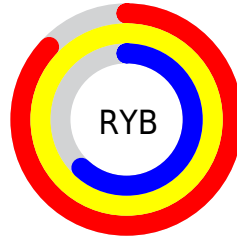
The XYZ color **71.9674, 72.8404, 42.6143** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1161, 54.4196, 102.3648**, and the grayscale version is **68.9541, 72.5450, 79.0016**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **38.3723, 38.4007, 19.0253** is the 20% darker color. If you saturate the color by 10%, you get **67.4518, 66.9647, 31.3808**, and if you desaturate by 10%, it is **77.1060, 79.2328, 56.3038**.

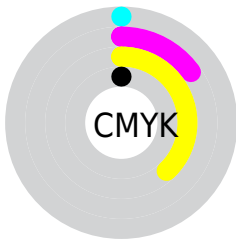
Distribution



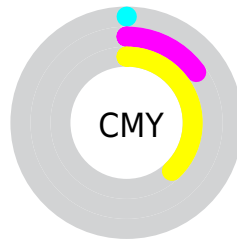
- Red (100%)
- Green (85%)
- Blue (62%)



- Red (87%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9674, 72.8404, 42.6143 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 71.9674, 72.8404, 42.6143 by changing the saturation by 10% instead.


 71.9674, 72.8404,
42.6143


 71.9674, 72.8404,
42.6143


456.5875,
470.4615, 372.8977

 53.4174, 53.8455,
29.2534


 121.0212,
123.2506, 80.4086

 38.3649, 38.4781,
19.0254


 152.2558,
155.4347, 105.6791

 26.4445, 26.3540,
11.5116


188.4493,
192.7839, 135.7566

 17.2909, 17.0886,
6.2936

229.9670,
235.6827, 171.0597

 10.5387, 10.2977,
2.9528

277.1743,
284.5155, 212.0067

 5.8226, 5.5968,
1.0706

330.4366,

 2.7771, 2.6015,

339.6666, 259.0164

0.0000

390.1192,
401.5205, 312.5072

■ 1.0370, 0.9274,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9674, 72.8404,
42.6143

■ 71.9674, 72.8404,
42.6143

■ 67.4518, 66.9647,
31.3808

■ 77.1060, 79.2328,
56.3038

■ 63.5222, 61.5783,
22.4483

■ 82.8909, 86.1478,
72.5823

■ 60.1461, 56.6657,
15.6512

■ 89.3508, 93.6040,
91.5787

■ 57.2843, 52.2065,
10.7993

95.0499, 100.0000,
108.9000

■ 54.8911, 48.1770,
7.6682

■ 52.9057, 44.5477,
5.9538

■ 52.5478, 43.8757,
5.6993

Harmonies

Analogous

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



79.8395, 72.8404, 49.4451



71.9674, 72.8404, 42.6143



63.9421, 72.8404, 44.0149

Triad

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



71.9674, 72.8404, 42.6143



55.4567, 72.8404, 95.9047



82.0588, 72.8404, 111.9208

Complementary

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



71.9674, 72.8404, 42.6143



52.1161, 54.4196, 102.3648

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.



74.8072, 72.8404, 129.7213



71.9674, 72.8404, 42.6143



59.6094, 72.8404, 119.2820

Square

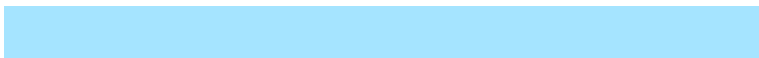
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9674, 72.8404, 42.6143



54.8278, 72.8404, 71.8280



66.5680, 72.8404, 132.6533



85.9624, 72.8404, 87.2960

Rectangle

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



71.9674, 72.8404, 42.6143



59.5544, 72.8404, 49.5518



66.5680, 72.8404, 132.6533



79.9063, 72.8404, 119.0904

Sweetspot

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



71.9692, 72.8438, 42.6158



87.3659, 91.3386, 85.6623



63.7085, 49.8109, 59.9358



18.5097, 19.3317, 17.7731



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

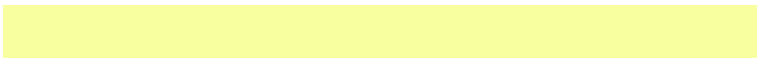
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9692, 72.8438, 42.6158



68.3239, 68.1227, 33.4790



80.2600, 93.7476, 46.2136



18.9128, 19.7938, 18.9681



27.6076, 23.2265, 3.0281



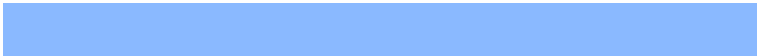
2.7952, 2.4757, 0.3305

Inverse Universe

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



52.1161, 54.4196, 102.3648



45.8002, 47.2349, 101.3111



46.0210, 39.7906, 99.8624



17.6023, 18.5763, 22.9078



12.0772, 9.0639, 50.5476



1.2795, 1.0897, 4.9562

Previews

White Background



This preview shows how the XYZ color 71.9674, 72.8404, 42.6143 looks on a white background.

Color Contrast Check

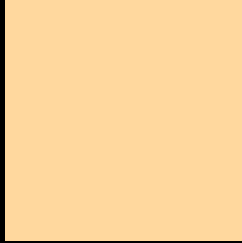
Large Text (above 18pt) WCAG AA × Fail

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 71.9674, 72.8404, 42.6143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

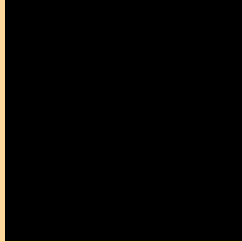
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9674, 72.8404, 42.6143

Background



This preview shows how black text looks on a background with the XYZ color 71.9674, 72.8404, 42.6143.



This preview shows how white text looks on a background with the XYZ color 71.9674, 72.8404,

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

71.9674, 72.8404, 42.6143

Protanopia

68.0630, 73.1313, 43.7862

Deuteranopia

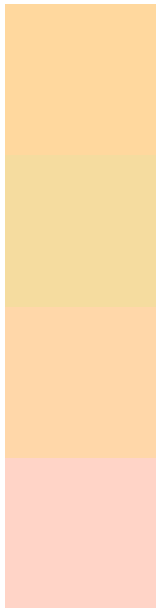
73.2783, 72.9560, 50.7772



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

71.9674, 72.8404, 42.6143

Protanomaly

69.5074, 73.1021, 43.2476

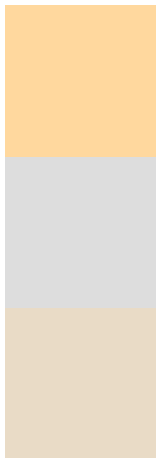
Deuteranomaly

72.7019, 72.7255, 47.7417

Tritanomaly

75.0923, 72.4705, 64.0632

Monochromacy



Original Color

71.9674, 72.8404, 42.6143

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1288, 72.0639, 63.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9674, 72.8404, 42.6143 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 158) }
```

Border

The CSS property to change the border of an element to XYZ 71.9674, 72.8404, 42.6143 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, 158) }
```


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

```
.border{ border-color:rgb(255, 216, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 158); box-shadow:4px 4px 4px 4px rgb(255, 216, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9674, 72.8404, 42.6143 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
216, 158) }
```

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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