

Converting Colors

XYZ(73.4879, 72.5150, 43.6822)

Have a look what the booklet for
XYZ(73.4879, 72.5150, 43.6822)
contains.

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Color

**XYZ(71.4673, 71.4217,
43.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A1
RGB	255, 213, 161
RGB Percent	100%, 84%, 63%
CMY	0.0000, 0.1647, 0.3686
CMYK	0.00, 0.16, 0.37, 0.00
HSL	33°, 100%, 82%
HSV	33°, 37%, 100%
XYZ	71.4673, 71.4217, 43.7373
YIQ	219.6300, 41.7240, -7.2680

Conversions

Conversions Part 2

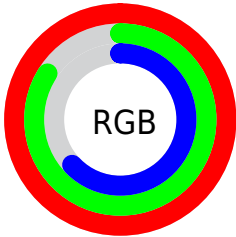
Format	Color
R _Y B	237, 255, 161
Decimal	16766369
CIE Lab	87.69, 7.73, 31.21
CIE LCh	88, 32.149, 76.089
Yxy	71.4217, 0.3829, 0.3827
Android (android.graphics.Color)	4294956449 (0xFFFFD5A1)
YUV	219.6300, -28.9046, 31.0195
Hunter-Lab	84.5114, 3.0542, 28.4735

Details

The XYZ color **71.4673, 71.4217, 43.7373** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1033, 57.5071, 102.8562**, and the grayscale version is **67.9458, 71.4843, 77.8464**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **38.0131, 37.4282, 19.6888** is the 20% darker color. If you saturate the color by 10%, you get **66.6788, 65.0837, 32.1555**, and if you desaturate by 10%, it is **76.9193, 78.3524, 57.8041**.

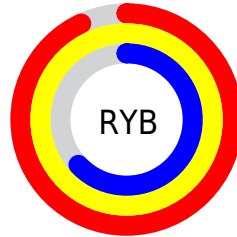
Distribution



Red (100%)

Green (84%)

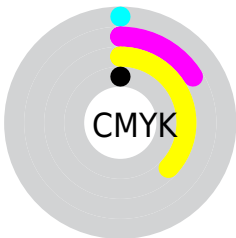
Blue (63%)



Red (93%)

Yellow (100%)

Blue (63%)

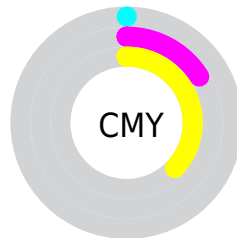


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4673, 71.4217, 43.7373 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 71.4673, 71.4217, 43.7373 by changing the saturation by 10% instead.


 71.4673, 71.4217,
43.7373


 71.4673, 71.4217,
43.7373


454.8718,
465.5262, 377.6451

 53.0075, 52.6864,
30.1284


 120.3138,
121.2340, 82.1206

 38.0363, 37.5525,
19.6832


 151.4312,
153.0798, 107.7319

 26.1882, 25.6355,
11.9832


187.4986,
190.0645, 138.1812

 17.0979, 16.5512,
6.6098

228.8812,
232.5726, 173.8870

 10.4001, 9.9150,
3.1446

275.9445,
280.9884, 215.2677

 5.7293, 5.3427,
1.1689

329.0538,

 2.7203, 2.4497,

335.6963, 262.7419

0.0000

388.5744,
397.0808, 316.7282

■ 1.0076, 0.8513,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.4673, 71.4217,
43.7373

■ 71.4673, 71.4217,
43.7373

■ 66.6788, 65.0837,
32.1555

■ 76.9193, 78.3524,
57.8041

■ 62.5162, 59.3091,
22.9053

■ 83.0591, 85.8840,
74.4883

■ 58.9460, 54.0801,
15.8227

■ 89.9162, 94.0372,
93.9178

■ 55.9286, 49.3740,
10.7203

95.0500, 100.0000,
108.9000

■ 53.4178, 45.1650,
7.3783

■ 51.3564, 41.4227,
5.5184

■ 50.7765, 40.3330,
5.1088

Harmonies

Analogous

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



78.5593, 71.4217, 51.2881



71.4673, 71.4217, 43.7373



63.9048, 71.4217, 44.0192

Triad

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



71.4673, 71.4217, 43.7373



54.7592, 71.4217, 89.9820



78.9941, 71.4217, 110.6428

Complementary

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



71.4673, 71.4217, 43.7373



54.1033, 57.5071, 102.8562

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.



72.0254, 71.4217, 125.4435



71.4673, 71.4217, 43.7373



58.2228, 71.4217, 112.0756

Square

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



71.4673, 71.4217, 43.7373



54.6344, 71.4217, 68.1095



64.4229, 71.4217, 126.0121



83.1197, 71.4217, 88.2948

Rectangle

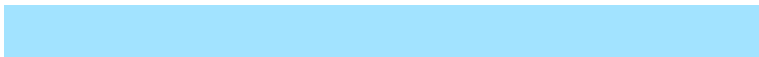
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4673, 71.4217, 43.7373



59.6156, 71.4217, 48.5510



64.4229, 71.4217, 126.0121



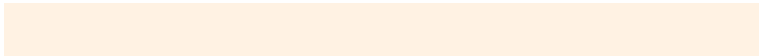
76.8840, 71.4217, 116.8350

Sweetspot

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



71.4691, 71.4250, 43.7388



86.9900, 90.5869, 85.5370



64.8007, 51.0766, 63.1317



18.4201, 19.1524, 17.7432



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.



71.4691, 71.4250, 43.7388



67.9841, 66.8398, 35.2255



81.7252, 94.4728, 47.6469



18.8427, 19.6535, 18.9447



26.6832, 21.3776, 2.7199



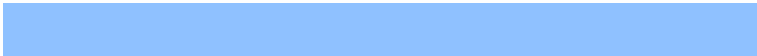
2.7071, 2.2996, 0.3012

Inverse Universe

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



54.1033, 57.5071, 102.8562



48.3966, 51.1487, 101.9297



46.4587, 40.7853, 100.0314



17.6711, 18.7138, 22.9307



12.7148, 10.3393, 50.7601



1.3450, 1.2208, 4.9780

Previews

White Background



This preview shows how the XYZ color 71.4673, 71.4217, 43.7373 looks on a white background.

Color Contrast Check

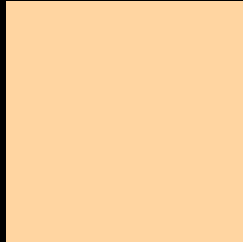
Large Text (above 18pt) WCAG AA × Fail

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 71.4673, 71.4217, 43.7373 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 71.4673, 71.4217, 43.7373

Background



This preview shows how black text looks on a background with the XYZ color 71.4673, 71.4217, 43.7373.



This preview shows how white text looks on a background with the XYZ color 71.4673, 71.4217,

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

71.4673, 71.4217, 43.7373

Protanopia

66.8861, 71.6996, 45.4361

Deuteranopia

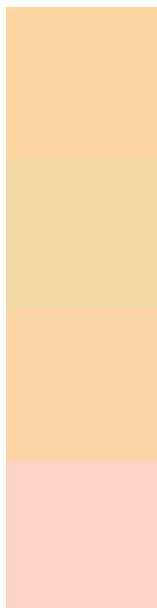
72.1342, 71.2872, 48.4860



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

71.4673, 71.4217, 43.7373

Protanomaly

68.3859, 71.3247, 44.8131

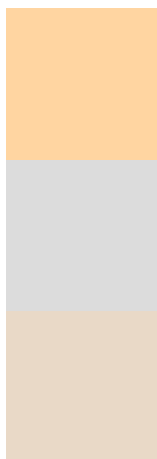
Deuteranomaly

71.7585, 71.1370, 46.5079

Tritanomaly

74.5954, 71.4767, 63.8976

Monochromacy



Original Color

71.4673, 71.4217, 43.7373

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7259, 71.0729, 64.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4673, 71.4217, 43.7373 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, 213, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 161)  
}
```

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, 213, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 161) }
```

Border

The CSS property to change the border of an element to XYZ 71.4673, 71.4217, 43.7373 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, 213, 161) }
```


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

```
.border{ border-color:rgb(255, 213, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4673, 71.4217, 43.7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 161) }
```

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

```
.background{ background-color: rgb(255,  
213, 161) }
```

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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