

Converting Colors

XYZ(71.9269, 72.1743, 44.4043)

Have a look what the booklet for
XYZ(71.9269, 72.1743, 44.4043)
contains.

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Color

**XYZ(71.8082, 71.9618,
44.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6A2
RGB	255, 214, 162
RGB Percent	100%, 84%, 64%
CMY	0.0000, 0.1608, 0.3647
CMYK	0.00, 0.16, 0.36, 0.00
HSL	34°, 100%, 82%
HSV	34°, 36%, 100%
XYZ	71.8082, 71.9618, 44.2877
YIQ	220.3310, 41.1280, -7.4800

Conversions

Conversions Part 2

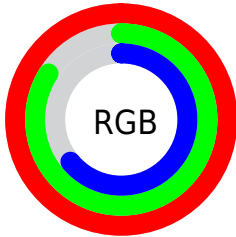
Format	Color
RYB	235, 255, 162
Decimal	16766626
CIELab	87.95, 7.33, 31.04
CIELCh	88, 31.893, 76.718
Yxy	71.9618, 0.3818, 0.3827
Android (android.graphics.Color)	4294956706 (0xFFFFD6A2)
YUV	220.3310, -28.7572, 30.4047
Hunter-Lab	84.8303, 2.6459, 28.4274

Details

The XYZ color **71.8082, 71.9618, 44.2877** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3055, 57.6113, 102.8656**, and the grayscale version is **68.4348, 71.9988, 78.4067**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **38.2386, 37.7924, 20.0311** is the 20% darker color. If you saturate the color by 10%, you get **67.0204, 65.6534, 32.6200**, and if you desaturate by 10%, it is **77.2555, 78.8534, 58.4443**.

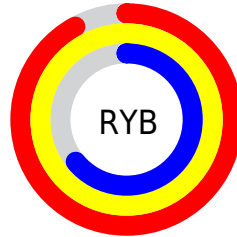
Distribution



Red (100%)

Green (84%)

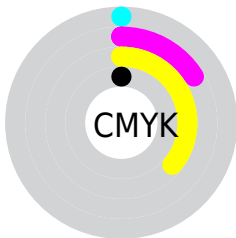
Blue (64%)



Red (92%)

Yellow (100%)

Blue (64%)

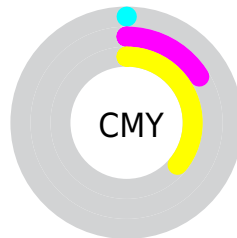


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8082, 71.9618, 44.2877 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 71.8082, 71.9618, 44.2877 by changing the saturation by 10% instead.


 71.8082, 71.9618,
44.2877


 71.8082, 71.9618,
44.2877


456.0417,
467.4086, 379.9567

 53.2869, 53.1275,
30.5579


 120.7961,
122.0022, 82.9576

 38.2603, 37.9045,
20.0068


 151.9934,
153.9771, 108.7347

 26.3629, 25.9086,
12.2159


188.1467,
191.1010, 139.3647

 17.2294, 16.7553,
6.7665

229.6215,
233.7582, 175.2662

 10.4945, 10.0602,
3.2403

276.7830,
282.3332, 216.8575

 5.7928, 5.4389,
1.2186

329.9967,

 2.7590, 2.5070,

337.2103, 264.5574

0.0000

389.6278,
398.7740, 318.7842

■ 1.0276, 0.8801,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8082, 71.9618,
44.2877

■ 71.8082, 71.9618,
44.2877

■ 67.0204, 65.6534,
32.6200

■ 77.2555, 78.8534,
58.4443

■ 62.8550, 59.8991,
23.2883

■ 83.3864, 86.3361,
75.2216

■ 59.2786, 54.6817,
16.1295

■ 90.2302, 94.4300,
94.7472

■ 56.2520, 49.9789,
10.9573

95.0500, 100.0000,
108.9000

■ 53.7296, 45.7655,
7.5534

■ 51.6554, 42.0119,
5.6451

■ 51.0019, 40.7839,
5.1840

Harmonies

Analogous

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



78.9074, 71.9618, 51.6777



71.8082, 71.9618, 44.2877



64.2816, 71.9618, 44.7330

Triad

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



71.8082, 71.9618, 44.2877



55.3414, 71.9618, 91.0131



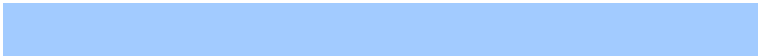
79.5906, 71.9618, 110.6724

Complementary

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



71.8082, 71.9618, 44.2877



54.3055, 57.6113, 102.8656

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.



72.6856, 71.9618, 125.6302



71.8082, 71.9618, 44.2877



58.8649, 71.9618, 112.9201

Square

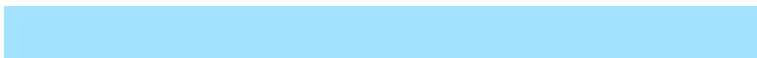
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8082, 71.9618, 44.2877



55.1448, 71.9618, 69.1318



65.0966, 71.9618, 126.5215



83.6197, 71.9618, 88.3623

Rectangle

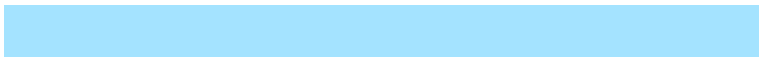
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8082, 71.9618, 44.2877



60.0316, 71.9618, 49.3800



65.0966, 71.9618, 126.5215



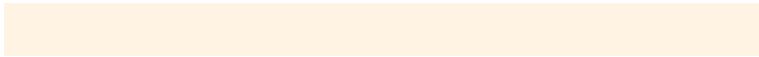
77.5067, 71.9618, 116.8936

Sweetspot

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



71.8100, 71.9651, 44.2892



87.0399, 90.6866, 85.5536



65.0419, 51.4538, 63.5366



18.4320, 19.1762, 17.7472



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.



71.8100, 71.9651, 44.2892



68.1441, 67.1597, 35.2788



81.8317, 94.5174, 48.1140



18.8520, 19.6721, 18.9478



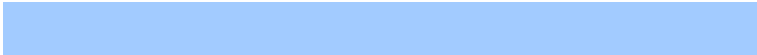
26.8010, 21.6132, 2.7592



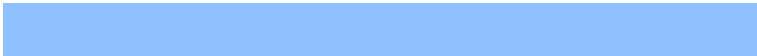
2.7184, 2.3222, 0.3050

Inverse Universe

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



54.3055, 57.6113, 102.8656



48.2494, 50.8543, 101.8806



46.8335, 41.2389, 100.0993



17.6619, 18.6954, 22.9276



12.6254, 10.1604, 50.7303



1.3360, 1.2026, 4.9750

Previews

White Background



This preview shows how the XYZ color 71.8082, 71.9618, 44.2877 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 71.8082, 71.9618, 44.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

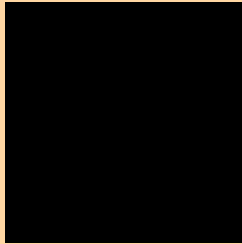
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8082, 71.9618, 44.2877

Background



This preview shows how black text looks on a background with the XYZ color 71.8082, 71.9618, 44.2877.



This preview shows how white text looks on a background with the XYZ color 71.8082, 71.9618,

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

71.8082, 71.9618, 44.2877

Protanopia

67.5730, 72.4340, 46.0170

Deuteranopia

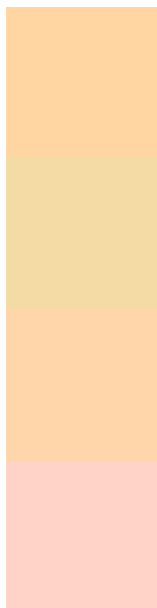
72.6742, 71.9045, 50.0930



Tritanopia

77.2253, 72.1349, 78.9604

Trichromacy



Original Color

71.8082, 71.9618, 44.2877

Protanomaly

69.0805, 72.0562, 45.3893

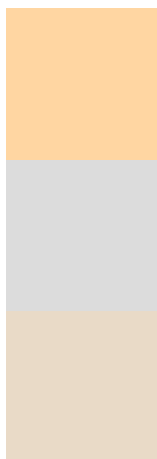
Deuteranomaly

72.2899, 71.7508, 48.0694

Tritanomaly

74.9596, 72.0187, 64.5938

Monochromacy



Original Color

71.8082, 71.9618, 44.2877

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9845, 71.5900, 64.2152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8082, 71.9618, 44.2877 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, 214, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 162)  
}
```

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, 214, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 162) }
```

Border

The CSS property to change the border of an element to XYZ 71.8082, 71.9618, 44.2877 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, 214, 162) }
```


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

```
.border{ border-color:rgb(255, 214, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8082, 71.9618, 44.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 162) }
```

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

```
.background{ background-color: rgb(255,  
214, 162) }
```

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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