

Converting Colors

XYZ(71.9042, 74.8960, 35.8659)

Have a look what the booklet for
XYZ(71.9042, 74.8960, 35.8659)
contains.

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Color

**XYZ(71.9042, 74.8960,
35.8659)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD8D
RGB	255, 221, 141
RGB Percent	100%, 87%, 55%
CMY	0.0000, 0.1333, 0.4470
CMYK	0.00, 0.13, 0.45, 0.00
HSL	42°, 100%, 78%
HSV	42°, 45%, 100%
XYZ	71.9042, 74.8960, 35.8659
YIQ	222.0460, 45.9440, -17.6720

Conversions

Conversions Part 2

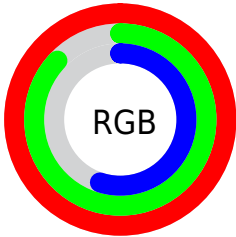
Format	Color
RYB	189, 255, 141
Decimal	16768397
CIELab	89.34, 1.52, 43.50
CIELCh	89, 43.530, 87.997
Yxy	74.8960, 0.3936, 0.4100
Android (android.graphics.Color)	4294958477 (0xFFFFDD8D)
YUV	222.0460, -39.9557, 28.9007
Hunter-Lab	86.5425, -3.1418, 36.0081

Details

The XYZ color **71.9042, 74.8960, 35.8659** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **44.3640, 43.5412, 100.6737**, and the grayscale version is **69.7159, 73.3466, 79.8744**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **38.2043, 39.7295, 15.1062** is the 20% darker color. If you saturate the color by 10%, you get **68.2591, 70.3007, 26.3434**, and if you desaturate by 10%, it is **76.0807, 79.8549, 47.7221**.

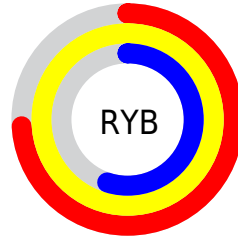
Distribution



Red (100%)

Green (87%)

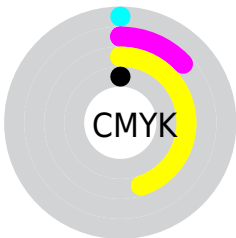
Blue (55%)



Red (74%)

Yellow (100%)

Blue (55%)

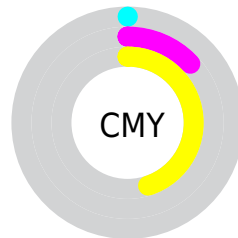


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9042, 74.8960, 35.8659 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 71.9042, 74.8960, 35.8659 by changing the saturation by 10% instead.


 71.9042, 74.8960,
35.8659


 71.9042, 74.8960,
35.8659


456.3709,
477.5600, 343.3937


 53.3656, 55.5277,
24.0418


 120.9319,
126.1651, 69.9917

 38.3234, 39.8244,
15.1521


 152.1516,
158.8348, 93.1306

 26.4121, 27.4016,
8.7784


 188.3292,
196.7069, 120.8780

 17.2665, 17.8751,
4.5021

229.8298,
240.1661, 153.6526

 10.5212, 10.8603,
1.9046

277.0190,
289.5965, 191.8730

 5.8107, 5.9730,
0.4957

330.2620,

 2.7699, 2.8287,

345.3828, 235.9576

0.0000

389.9242,
407.9091, 286.3250

■ 1.0333, 1.0430,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9042, 74.8960,
35.8659

■ 71.9042, 74.8960,
35.8659

■ 68.2591, 70.3007,
26.3434

■ 76.0807, 79.8549,
47.7221

■ 65.1084, 66.0440,
18.9896

■ 80.8119, 85.1803,
62.0527

■ 62.4184, 62.1132,
13.6250

■ 86.1258, 90.8880,
78.9926

■ 60.1479, 58.4899,
10.0392

■ 92.0472, 96.9897,
98.6653

■ 58.2467, 55.1519,
7.9734

95.0500, 100.0000,
108.9000

■ 57.3522, 53.4844,
7.3007

Harmonies

Analogous

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



82.5969, 74.8960, 41.2473



71.9042, 74.8960, 35.8659



62.0016, 74.8960, 39.9603

Triad

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



71.9042, 74.8960, 35.8659



54.5962, 74.8960, 112.2865



89.9979, 74.8960, 116.7361

Complementary

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



71.9042, 74.8960, 35.8659



44.3640, 43.5412, 100.6737

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.



81.2362, 74.8960, 145.0494



71.9042, 74.8960, 35.8659



60.8784, 74.8960, 142.0623

Square

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



71.9042, 74.8960, 35.8659



52.6234, 74.8960, 79.5173



70.4734, 74.8960, 155.3029



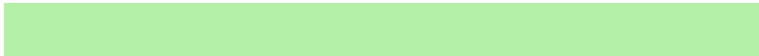
93.6700, 74.8960, 83.6151

Rectangle

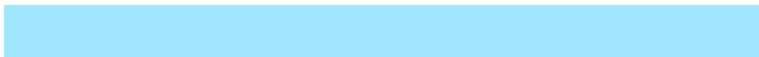
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9042, 74.8960, 35.8659



57.0306, 74.8960, 48.2695



70.4734, 74.8960, 155.3029



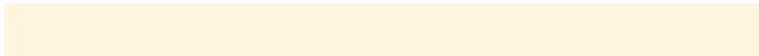
87.5099, 74.8960, 127.4134

Sweetspot

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



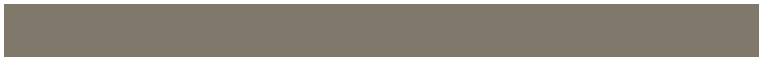
71.9060, 74.8995, 35.8674



87.0919, 91.9002, 82.1502



58.5229, 43.4135, 45.9565



18.3743, 19.3904, 16.7118



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.



71.9060, 74.8995, 35.8674



68.4996, 70.6136, 26.9417



73.9116, 90.6324, 38.7985



19.0771, 20.1223, 19.0229



30.1044, 28.2200, 3.8603



3.0266, 2.9386, 0.4077

Inverse Universe

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



44.3640, 43.5412, 100.6737



37.7151, 35.5999, 99.4914



42.8442, 34.1419, 98.9395



17.4445, 18.2605, 22.8552



10.8961, 6.7018, 50.1539



1.1514, 0.8334, 4.9135

Previews

White Background



This preview shows how the XYZ color 71.9042, 74.8960, 35.8659 looks on a white background.

Color Contrast Check

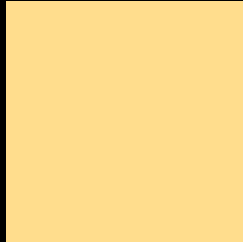
Large Text (above 18pt) WCAG AA × Fail

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 71.9042, 74.8960, 35.8659 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 71.9042, 74.8960, 35.8659

Background



This preview shows how black text looks on a background with the XYZ color 71.9042, 74.8960, 35.8659.



This preview shows how white text looks on a background with the XYZ color 71.9042, 74.8960,

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

71.9042, 74.8960, 35.8659

Protanopia

69.4639, 75.2159, 36.4482

Deuteranopia

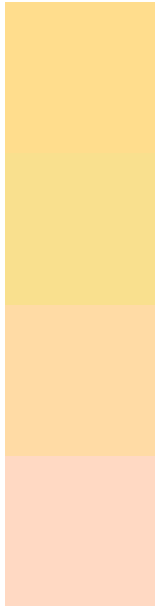
74.3473, 74.6172, 52.6035



Tritanopia

79.0140, 74.8441, 82.2334

Trichromacy



Original Color

71.9042, 74.8960, 35.8659

Protanomaly

70.6051, 75.4040, 36.4243

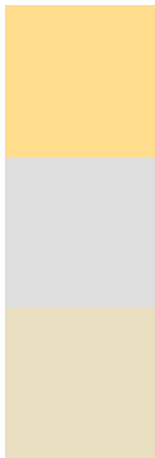
Deuteranomaly

73.3630, 74.6396, 46.1376

Tritanomaly

75.9032, 74.8258, 62.0721

Monochromacy



Original Color

71.9042, 74.8960, 35.8659

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6786, 73.5852, 60.9830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9042, 74.8960, 35.8659 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 141) }
```

Border

The CSS property to change the border of an element to XYZ 71.9042, 74.8960, 35.8659 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, 141) }
```


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

```
.border{ border-color:rgb(255, 221, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9042, 74.8960, 35.8659 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
221, 141) }
```

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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