

Converting Colors

XYZ(71.5280, 74.7008, 35.0754)

Have a look what the booklet for
XYZ(71.5280, 74.7008, 35.0754)
contains.

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Color

**XYZ(71.3897, 74.6478,
35.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDD8B
RGB	254, 221, 139
RGB Percent	100%, 87%, 55%
CMY	0.0039, 0.1333, 0.4549
CMYK	0.00, 0.13, 0.45, 0.00
HSL	43°, 98%, 77%
HSV	43°, 45%, 100%
XYZ	71.3897, 74.6478, 35.0719
YIQ	221.5190, 45.9900, -18.5060

Conversions

Conversions Part 2

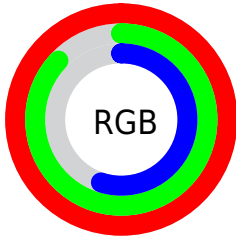
Format	Color
R _{YB}	185, 254, 139
Decimal	16702859
CIE _{Lab}	89.23, 0.93, 44.33
CIE _{LCh}	89, 44.339, 88.793
Y _{xy}	74.6478, 0.3942, 0.4122
Android (android.graphics.Color)	4294892939 (0xFFFE _{DD8B})
Y _{UV}	221.5190, -40.6819, 28.4858
Hunter-Lab	86.3990, -3.7073, 36.4117

Details

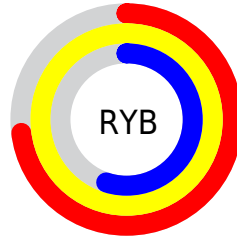
The XYZ color **71.3897, 74.6478, 35.0719** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.2889, 42.1483, 99.6196**, and the grayscale version is **69.3485, 72.9600, 79.4534**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **37.8622, 39.5627, 14.6576** is the 20% darker color. If you saturate the color by 10%, you get **67.8632, 70.2278, 25.7797**, and if you desaturate by 10%, it is **75.4345, 79.4143, 46.6655**.

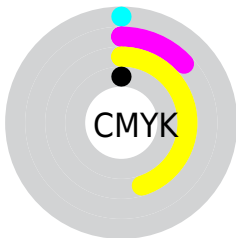
Distribution



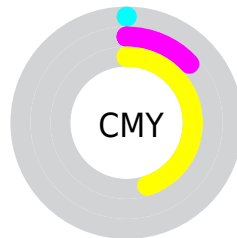
- Red (100%)
- Green (87%)
- Blue (55%)



- Red (73%)
- 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 71.3897, 74.6478, 35.0719 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 71.3897, 74.6478, 35.0719 by changing the saturation by 10% instead.


 71.3897, 74.6478,
35.0719


 71.3897, 74.6478,
35.0719


454.6052,
476.7061, 339.7995


 52.9440, 55.3244,
23.4343


 120.2040,
125.8137, 68.7500

 37.9853, 39.6615,
14.7062


 151.3032,
158.4250, 91.6275

 26.1485, 27.2747,
8.4691


 187.3509,
196.2343, 119.0887

 17.0680, 17.7797,
4.3045

228.7126,
239.6261, 151.5522

 10.3786, 10.7919,
1.7938

275.7535,
288.9849, 189.4365

 5.7149, 5.9271,
0.4239

328.8390,

 2.7115, 2.8008,

344.6948, 233.1601

0.0000

388.3345,
407.1405, 283.1416

■ 1.0031, 1.0286,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3897, 74.6478,
35.0719

■ 71.3897, 74.6478,
35.0719

■ 67.8632, 70.2278,
25.7797

■ 75.4345, 79.4143,
46.6655

■ 64.8182, 66.1296,
18.6245

■ 80.0207, 84.5299,
60.7004

■ 62.2213, 62.3408,
13.4273

■ 85.1760, 90.0101,
77.3108

■ 60.0315, 58.8435,
9.9775

■ 90.9249, 95.8661,
96.6197

■ 58.1984, 55.6155, 94.6830, 99.8108,
8.0154 108.8828

■ 57.4225, 54.1699,
7.4293

Harmonies

Analogous

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



82.2869, 74.6478, 40.2215



71.3897, 74.6478, 35.0719



61.3930, 74.6478, 39.4413

Triad

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



71.3897, 74.6478, 35.0719



54.2329, 74.6478, 113.4921



90.2769, 74.6478, 116.2300

Complementary

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



71.3897, 74.6478, 35.0719



43.2889, 42.1483, 99.6196

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.



81.4518, 74.6478, 145.4867



71.3897, 74.6478, 35.0719



60.7062, 74.6478, 143.6440

Square

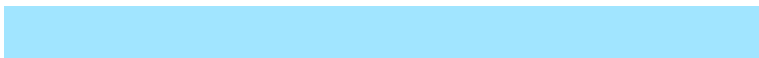
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3897, 74.6478, 35.0719



52.1143, 74.6478, 80.0299



70.5131, 74.6478, 156.6003



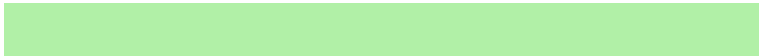
93.8530, 74.6478, 82.5405

Rectangle

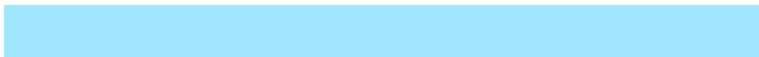
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3897, 74.6478, 35.0719



56.4192, 74.6478, 48.0022



70.5131, 74.6478, 156.6003



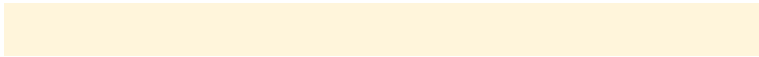
87.7844, 74.6478, 127.1965

Sweetspot

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



71.3915, 74.6513, 35.0734



86.6448, 91.5485, 80.3290



57.6974, 42.5733, 44.9666



18.2911, 19.3307, 16.3552



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.



71.3915, 74.6513, 35.0734



68.8948, 71.4039, 27.0734



73.0572, 89.7366, 37.8974



19.0951, 20.1583, 19.0289



30.4065, 28.8242, 3.9610



3.0542, 2.9937, 0.4169

Inverse Universe

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



43.2889, 42.1483, 99.6196



37.4508, 35.0713, 99.4033



42.0230, 33.3033, 97.9791



17.4274, 18.2265, 22.8495



10.7916, 6.4927, 50.1190



1.1394, 0.8094, 4.9095

Previews

White Background



This preview shows how the XYZ color 71.3897, 74.6478, 35.0719 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 71.3897, 74.6478, 35.0719 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 71.3897, 74.6478, 35.0719

Background



This preview shows how black text looks on a background with the XYZ color 71.3897, 74.6478, 35.0719.



This preview shows how white text looks on a background with the XYZ color 71.3897, 74.6478,

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

71.3897, 74.6478, 35.0719

Protanopia

69.0455, 74.6172, 35.5744

Deuteranopia

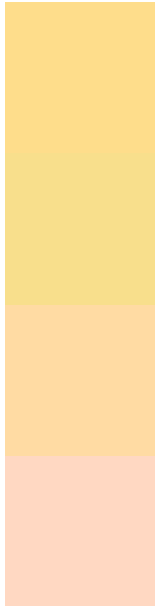
74.2472, 74.5771, 52.0765



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

71.3897, 74.6478, 35.0719

Protanomaly

69.8327, 74.6253, 35.5345

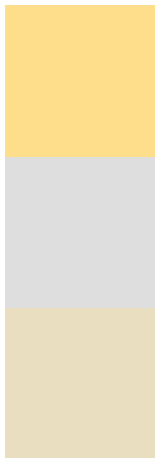
Deuteranomaly

73.1824, 74.5674, 45.1861

Tritanomaly

75.5335, 74.2668, 61.3928

Monochromacy



Original Color

71.3897, 74.6478, 35.0719

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5674, 73.5407, 60.3974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3897, 74.6478, 35.0719 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(254, 221, 139)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 139)  
}
```

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(254, 221, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 139) }
```

Border

The CSS property to change the border of an element to XYZ 71.3897, 74.6478, 35.0719 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(254, 221, 139) }
```


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

```
.border{ border-color:rgb(254, 221, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 221, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 139);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3897, 74.6478, 35.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 139) }
```

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

```
.background{ background-color: rgb(254,  
221, 139) }
```

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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