

Converting Colors

XYZ(74.0073, 81.7320, 35.5422)

Have a look what the booklet for
XYZ(74.0073, 81.7320, 35.5422)
contains.

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Color

**XYZ(74.0073, 81.7320,
35.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEB89
RGB	251, 235, 137
RGB Percent	98%, 92%, 54%
CMY	0.0157, 0.0784, 0.4627
CMYK	0.00, 0.06, 0.45, 0.02
HSL	52°, 93%, 76%
HSV	52°, 45%, 98%
XYZ	74.0073, 81.7320, 35.5422
YIQ	228.6120, 40.9940, -27.0860

Conversions

Conversions Part 2

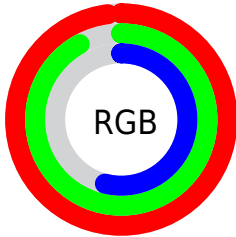
Format	Color
R_{YB}	156, 251, 137
Decimal	16509833
CIE _{Lab}	92.46, -7.49, 49.29
CIE _{LCh}	92, 49.853, 98.646
Yxy	81.7320, 0.3869, 0.4273
Android (android.graphics.Color)	4294699913 (0xFFFFBEB89)
YUV	228.6120, -45.1647, 19.6343
Hunter-Lab	90.4058, -12.0877, 39.9747

Details

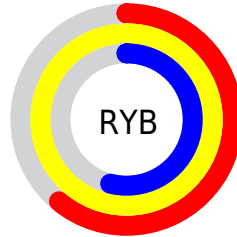
The XYZ color **74.0073, 81.7320, 35.5422** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.1201, 35.0648, 95.9728**, and the grayscale version is **74.4930, 78.3724, 85.3475**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **39.7521, 44.2335, 15.0371** is the 20% darker color. If you saturate the color by 10%, you get **71.4146, 79.1006, 26.8049**, and if you desaturate by 10%, it is **77.0427, 84.5784, 46.4951**.

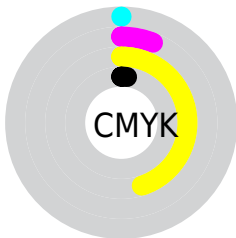
Distribution



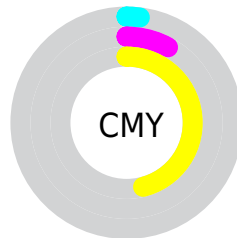
- Red (98%)
- Green (92%)
- Blue (54%)



- Red (61%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (6%)
- Yellow (45%)
- Black (2%)




- Cyan (2%)
- Magenta (8%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0073, 81.7320, 35.5422 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 74.0073, 81.7320, 35.5422 by changing the saturation by 10% instead.


 74.0073, 81.7320,
35.5422

 74.0073, 81.7320,
35.5422


463.5485,
500.7508, 341.9318


 55.0913, 61.1447,
23.7939


 123.9016,
135.7981, 69.4859

 39.7090, 44.3419,
14.9701


 155.6106,
170.0457, 92.5185

 27.4949, 30.9394,
8.6520


 192.3147,
209.6154, 120.1496

 18.0838, 20.5527,
4.4212

234.3792,
254.8917, 152.7978

 11.1102, 12.7974,
1.8591

282.1695,
306.2590, 190.8815

 6.2088, 7.2892,
0.4665

336.0509,

 3.0143, 3.6436,

364.1017, 234.8194

0.0000

396.3888,
428.8042, 285.0300

■ 1.1614, 1.4763,
0.0000

■ 0.0755, 0.2719,
0.0000

■ 74.0073, 81.7320,
35.5422

■ 74.0073, 81.7320,
35.5422

■ 71.4146, 79.1006,
26.8049

■ 77.0427, 84.5784,
46.4951

■ 69.2292, 76.6609,
20.1229

■ 80.5417, 87.6393,
59.7987

■ 67.4196, 74.4031,
15.3227

■ 84.5308, 90.9286,
75.5835

■ 65.9468, 72.3114,
12.1995

■ 89.0327, 94.4554,
93.9688

■ 64.7629, 70.3665,
10.5008

■ 92.8369, 97.7359,
108.5796

■ 64.2845, 69.5112,
10.0288

■ 93.5935, 99.2492,
108.8318

Harmonies

Analogous

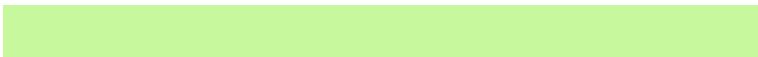
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0894, 81.7320, 37.7997



74.0073, 81.7320, 35.5422



63.1738, 81.7320, 44.1738

Triad

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



74.0073, 81.7320, 35.5422



59.8452, 81.7320, 141.2537



103.2053, 81.7320, 117.5070

Complementary

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



74.0073, 81.7320, 35.5422



39.1201, 35.0648, 95.9728

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.



94.2611, 81.7320, 156.9606



74.0073, 81.7320, 35.5422



68.9811, 81.7320, 173.1041

Square

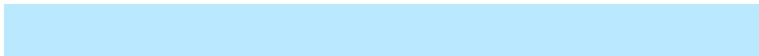
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0073, 81.7320, 35.5422



55.6129, 81.7320, 100.1267



81.4801, 81.7320, 179.5360



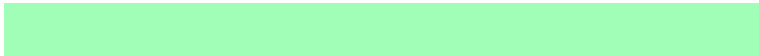
104.9355, 81.7320, 78.7155

Rectangle

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



74.0073, 81.7320, 35.5422



58.3345, 81.7320, 56.8574



81.4801, 81.7320, 179.5360



100.8987, 81.7320, 131.4019

Sweetspot

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



74.0093, 81.7358, 35.5439



88.2487, 94.7562, 80.8637



54.5709, 40.7378, 35.6036



18.6848, 20.1181, 16.4864



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

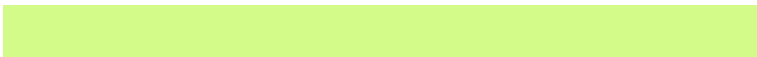
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0093, 81.7358, 35.5439



74.1212, 82.0943, 28.0835



65.9055, 84.6641, 36.5362



18.5076, 19.7511, 18.2993



33.8722, 36.7010, 5.2987



3.1924, 3.5096, 0.5092

Inverse Universe

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



39.1201, 35.0648, 95.9728



33.6715, 28.0162, 98.2407



44.4677, 34.1927, 95.5226



16.4794, 17.0357, 21.8049



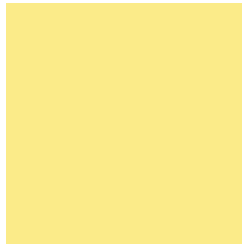
9.5327, 4.4210, 48.3245



0.9409, 0.5255, 4.4950

Previews

White Background



This preview shows how the XYZ color 74.0073, 81.7320, 35.5422 looks on a white background.

Color Contrast Check

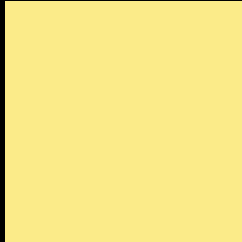
Large Text (above 18pt) WCAG AA × Fail

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 74.0073, 81.7320, 35.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

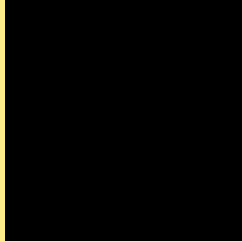
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0073, 81.7320, 35.5422

Background



This preview shows how black text looks on a background with the XYZ color 74.0073, 81.7320, 35.5422.



This preview shows how white text looks on a background with the XYZ color 74.0073, 81.7320,

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

74.0073, 81.7320, 35.5422

Protanopia

75.1866, 81.4609, 36.9601

Deuteranopia

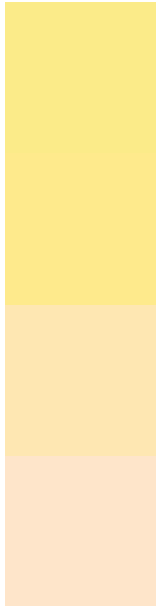
79.9200, 81.5629, 67.4081



Tritanopia

84.0163, 81.8847, 93.0385

Trichromacy



Original Color

74.0073, 81.7320, 35.5422

Protanomaly

75.0295, 81.8099, 36.6474

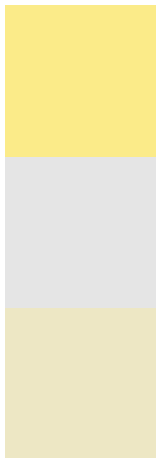
Deuteranomaly

77.4848, 81.4370, 53.7545

Tritanomaly

79.5530, 81.3737, 67.3909

Monochromacy



Original Color

74.0073, 81.7320, 35.5422

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.4648, 79.1419, 63.6285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0073, 81.7320, 35.5422 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(251, 235, 137)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 137)  
}
```

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(251, 235, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 137) }
```

Border

The CSS property to change the border of an element to XYZ 74.0073, 81.7320, 35.5422 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(251, 235, 137) }
```


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

```
.border{ border-color:rgb(251, 235, 137) }
```

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

Here you see how a box with a 4 pixel rgb(251, 235, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 137);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0073, 81.7320, 35.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 137) }
```

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

```
.background{ background-color: rgb(251,  
235, 137) }
```

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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