

Converting Colors

XYZ(81.2740, 78.7102, 39.3654)

Have a look what the booklet for
XYZ(81.2740, 78.7102, 39.3654)
contains.

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Color

**XYZ(71.9963, 74.0930,
38.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB95
RGB	255, 219, 149
RGB Percent	100%, 86%, 58%
CMY	0.0000, 0.1412, 0.4157
CMYK	0.00, 0.14, 0.42, 0.00
HSL	40°, 100%, 79%
HSV	40°, 42%, 100%
XYZ	71.9963, 74.0930, 38.9405
YIQ	221.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

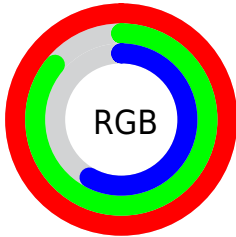
Format	Color
RYB	204, 255, 149
Decimal	16767893
CIELab	88.97, 3.34, 39.01
CIELCh	89, 39.156, 85.101
Yxy	74.0930, 0.3891, 0.4004
Android (android.graphics.Color)	4294957973 (0xFFFFDB95)
YUV	221.7840, -35.8825, 29.1304
Hunter-Lab	86.0773, -1.3353, 33.4319

Details

The XYZ color **71.9963, 74.0930, 38.9405** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7927, 48.3056, 101.4124**, and the grayscale version is **69.5038, 73.1234, 79.6314**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **38.4591, 39.2843, 16.8649** is the 20% darker color. If you saturate the color by 10%, you get **67.9791, 68.9677, 28.6334**, and if you desaturate by 10%, it is **76.5804, 79.6385, 51.6371**.

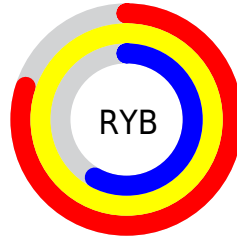
Distribution



Red (100%)

Green (86%)

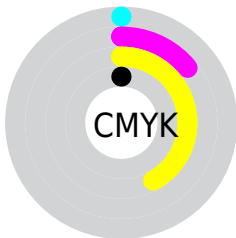
Blue (58%)



Red (80%)

Yellow (100%)

Blue (58%)

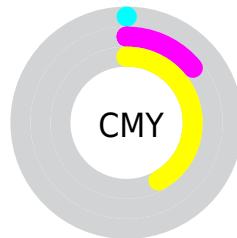


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9963, 74.0930, 38.9405 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 71.9963, 74.0930, 38.9405 by changing the saturation by 10% instead.


 71.9963, 74.0930,
38.9405


 71.9963, 74.0930,
38.9405


456.6866,
474.7943, 357.0559

 53.4411, 54.8702,
26.4060


 121.0621,
125.0276, 74.7668

 38.3839, 39.2978,
16.8991

 152.3034,
157.5082, 98.8956

 26.4594, 26.9915,
10.0014


188.5042,
195.1768, 127.7262

 17.3021, 17.5668,
5.2943

230.0297,
238.4179, 161.6772

 10.5467, 10.6394,
2.3592

277.2453,
287.6158, 201.1671

 5.8280, 5.8249,
0.7641

330.5164,

 2.7804, 2.7389,

343.1549, 246.6145

0.0000

390.2084,
405.4196, 298.4379

■ 1.0387, 0.9970,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9963, 74.0930,
38.9405

■ 71.9963, 74.0930,
38.9405

■ 67.9791, 68.9677,
28.6334

■ 76.5804, 79.6385,
51.6371

■ 64.4922, 64.2371,
20.5557

■ 81.7544, 85.6081,
66.8600

■ 61.5026, 59.8876,
14.5351

■ 87.5465, 92.0184,
84.7409

■ 58.9707, 55.9006,
10.3714

■ 93.9812, 98.8818,
105.4012

■ 56.8489, 52.2539,
7.8239

95.0499, 99.9999,
108.9000

■ 55.3185, 49.4172,
6.6229

Harmonies

Analogous

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



81.4107, 74.0930, 44.8979



71.9963, 74.0930, 38.9405



62.9482, 74.0930, 41.9395

Triad

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



71.9963, 74.0930, 38.9405



55.1295, 74.0930, 104.9893



86.5086, 74.0930, 114.4958

Complementary

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



71.9963, 74.0930, 38.9405



47.7927, 48.3056, 101.4124

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.



78.4677, 74.0930, 137.9913



71.9963, 74.0930, 38.9405



60.4716, 74.0930, 131.6933

Square

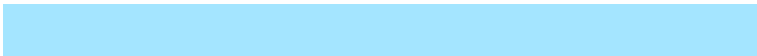
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9963, 74.0930, 38.9405



53.7316, 74.0930, 76.2846



68.8731, 74.0930, 144.9026



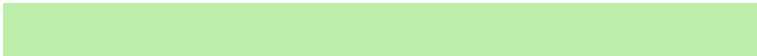
90.2564, 74.0930, 85.2300

Rectangle

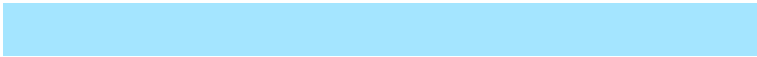
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9963, 74.0930, 38.9405



58.2494, 74.0930, 49.0702



68.8731, 74.0930, 144.9026



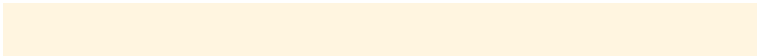
84.1848, 74.0930, 123.5688

Sweetspot

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



71.9981, 74.0965, 38.9420



87.2832, 91.7322, 83.9115



60.8614, 46.3050, 52.2409



18.5133, 19.4503, 17.4307



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.



71.9981, 74.0965, 38.9420



68.5734, 69.7453, 30.0979



76.8153, 92.0579, 42.1550



19.0113, 19.9908, 19.0009



29.0491, 26.1095, 3.5086



2.9297, 2.7449, 0.3754

Inverse Universe

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



47.7927, 48.3056, 101.4124



41.4012, 40.8187, 100.3045



44.2944, 36.7044, 99.3576



17.5071, 18.3859, 22.8761



11.3185, 7.5465, 50.2947



1.1985, 0.9278, 4.9292

Previews

White Background



This preview shows how the XYZ color 71.9963, 74.0930, 38.9405 looks on a white background.

Color Contrast Check

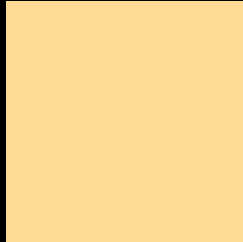
Large Text (above 18pt) WCAG AA × Fail

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 71.9963, 74.0930, 38.9405 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 71.9963, 74.0930, 38.9405

Background



This preview shows how black text looks on a background with the XYZ color 71.9963, 74.0930, 38.9405.



This preview shows how white text looks on a background with the XYZ color 71.9963, 74.0930,

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

71.9963, 74.0930, 38.9405

Protanopia

68.8595, 74.4229, 40.0139

Deuteranopia

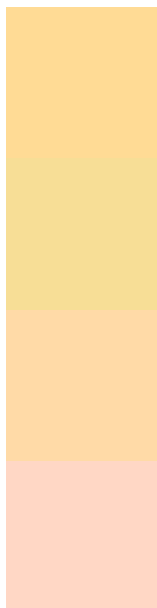
73.9887, 74.0600, 51.9904



Tritanopia

78.6249, 74.2847, 81.4286

Trichromacy



Original Color

71.9963, 74.0930, 38.9405

Protanomaly

69.9841, 74.2187, 39.4913

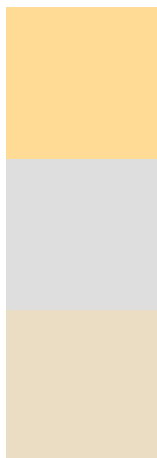
Deuteranomaly

73.2865, 74.1928, 47.0173

Tritanomaly

75.6185, 73.8921, 63.1004

Monochromacy



Original Color

71.9963, 74.0930, 38.9405

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6385, 73.1455, 62.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9963, 74.0930, 38.9405 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, 219, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 149)  
}
```

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, 219, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 149) }
```

Border

The CSS property to change the border of an element to XYZ 71.9963, 74.0930, 38.9405 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, 219, 149) }
```


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

```
.border{ border-color:rgb(255, 219, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9963, 74.0930, 38.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 149) }
```

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

```
.background{ background-color: rgb(255,  
219, 149) }
```

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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