

Converting Colors

XYZ(74.1308, 78.5070, 42.0891)

Have a look what the booklet for
XYZ(74.1308, 78.5070, 42.0891)
contains.

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Color

**XYZ(73.8935, 78.1874,
42.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE39B
RGB	253, 227, 155
RGB Percent	99%, 89%, 61%
CMY	0.0078, 0.1098, 0.3921
CMYK	0.00, 0.10, 0.39, 0.01
HSL	44°, 96%, 80%
HSV	44°, 39%, 99%
XYZ	73.8935, 78.1874, 42.2074
YIQ	226.5660, 38.6080, -16.8800

Conversions

Conversions Part 2

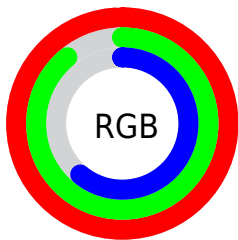
Format	Color
R _Y B	190, 253, 155
Decimal	16638875
CIE Lab	90.87, -0.87, 38.42
CIE LCh	91, 38.433, 91.300
Yxy	78.1874, 0.3803, 0.4024
Android (android.graphics.Color)	4294828955 (0xFFFDE39B)
YUV	226.5660, -35.2820, 23.1826
Hunter-Lab	88.4236, -5.5732, 33.5956

Details

The XYZ color **73.8935, 78.1874, 42.2074** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7706, 47.1066, 99.5032**, and the grayscale version is **72.9285, 76.7265, 83.5551**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **39.7064, 42.0864, 18.8627** is the 20% darker color. If you saturate the color by 10%, you get **70.1882, 73.8282, 31.5654**, and if you desaturate by 10%, it is **78.1194, 82.8750, 55.2208**.

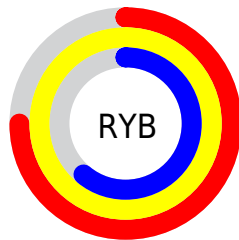
Distribution



Red (99%)

Green (89%)

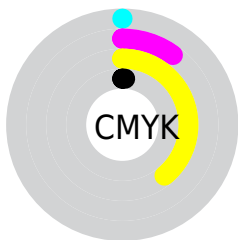
Blue (61%)



Red (75%)

Yellow (99%)

Blue (61%)

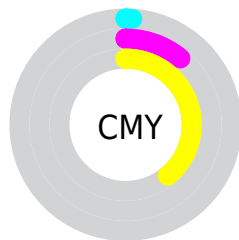


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8935, 78.1874, 42.2074 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 73.8935, 78.1874, 42.2074 by changing the saturation by 10% instead.


 73.8935, 78.1874,
42.2074


 73.8935, 78.1874,
42.2074

463.1617,
488.8030, 371.1670

 54.9978, 58.2279,
28.9369


 123.7411,
130.8143, 79.7869

 39.6338, 41.9919,
18.7880


 155.4238,
164.2505, 104.9330

 27.4361, 29.0950,
11.3419


192.0996,
202.9477, 134.8748

 18.0393, 19.1527,
6.1802

234.1338,
247.2903, 170.0307

 11.0781, 11.7806,
2.8844

281.8917,
297.6628, 210.8193

 6.1870, 6.5945,
1.0359

335.7388,

 3.0009, 3.2098,

354.4495, 257.6592

0.0000

396.0403,
418.0347, 310.9689

■ 1.1542, 1.2422,
0.0000

■ 0.0698, 0.0958,
0.0000

■ 73.8935, 78.1874,
42.2074

■ 73.8935, 78.1874,
42.2074

■ 70.1882, 73.8282,
31.5654

■ 78.1194, 82.8750,
55.2208

■ 66.9689, 69.7737,
23.1421

■ 82.8865, 87.8920,
70.7358

■ 64.2054, 66.0135,
16.7746

■ 88.2212, 93.2530,
88.8788

■ 61.8614, 62.5316,
12.2751

■ 93.9520, 98.8907,
108.7437

■ 59.8939, 59.3095, 94.3180, 99.6226,
9.4215 108.8657

■ 58.2412, 56.3211,
7.8934

■ 58.0444, 55.9554,
7.7412

Harmonies

Analogous

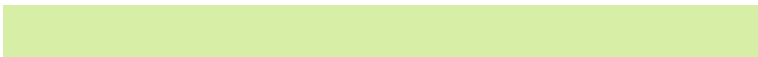
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6104, 78.1874, 46.4322



73.8935, 78.1874, 42.2074



65.0637, 78.1874, 47.2438

Triad

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



73.8935, 78.1874, 42.2074



59.5267, 78.1874, 115.9173



91.8544, 78.1874, 113.3642

Complementary

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



73.8935, 78.1874, 42.2074



47.7706, 47.1066, 99.5032

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.



84.4037, 78.1874, 139.2481



73.8935, 78.1874, 42.2074



65.7350, 78.1874, 140.9329

Square

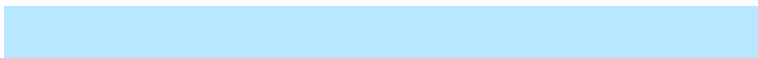
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8935, 78.1874, 42.2074



57.2260, 78.1874, 86.3473



74.7377, 78.1874, 150.2716



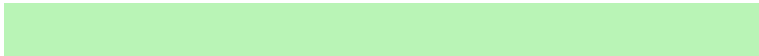
94.5060, 78.1874, 83.9297

Rectangle

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



73.8935, 78.1874, 42.2074



60.7222, 78.1874, 55.9792



74.7377, 78.1874, 150.2716



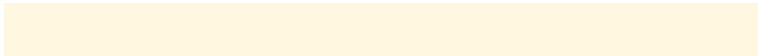
89.7979, 78.1874, 122.9747

Sweetspot

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



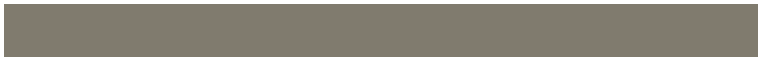
73.8954, 78.1910, 42.2090



87.9740, 93.1138, 84.1418



60.5841, 47.6678, 49.7964



18.6764, 19.7765, 17.4850



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

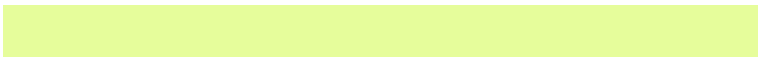
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8954, 78.1910, 42.2090



72.4310, 76.3368, 34.8480



73.7179, 89.4623, 44.3939



19.1297, 20.2275, 19.0404



31.0033, 30.0179, 4.1600



3.1083, 3.1019, 0.4349

Inverse Universe

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



47.7706, 47.1066, 99.5032



42.6349, 40.9042, 100.2559



47.7812, 39.9847, 98.1279



17.3948, 18.1612, 22.8386



10.6035, 6.1166, 50.0563



1.1174, 0.7654, 4.9021

Previews

White Background



This preview shows how the XYZ color 73.8935, 78.1874, 42.2074 looks on a white background.

Color Contrast Check

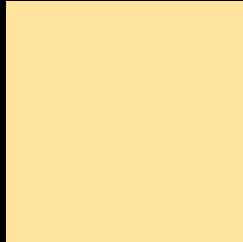
Large Text (above 18pt) WCAG AA × Fail

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 73.8935, 78.1874, 42.2074 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 73.8935, 78.1874, 42.2074

Background



This preview shows how black text looks on a background with the XYZ color 73.8935, 78.1874, 42.2074.



This preview shows how white text looks on a background with the XYZ color 73.8935, 78.1874,

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

73.8935, 78.1874, 42.2074

Protanopia

72.7315, 78.3954, 42.7510

Deuteranopia

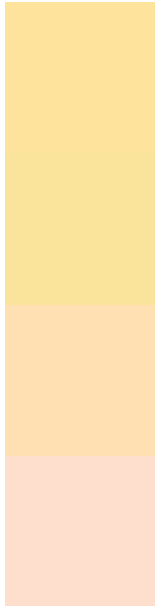
77.2533, 77.8856, 61.4138



Tritanopia

81.5412, 78.3296, 87.9122

Trichromacy



Original Color

73.8935, 78.1874, 42.2074

Protanomaly

73.1685, 78.2111, 42.6923

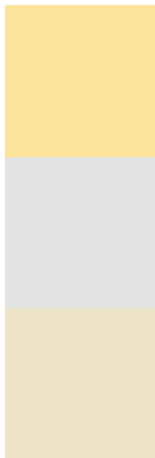
Deuteranomaly

75.6654, 77.6368, 53.6452

Tritanomaly

78.2802, 78.2540, 68.7363

Monochromacy



Original Color

73.8935, 78.1874, 42.2074

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.6038, 76.9881, 66.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8935, 78.1874, 42.2074 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(253, 227, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 227, 155)  
}
```

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(253, 227, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 155) }
```

Border

The CSS property to change the border of an element to XYZ 73.8935, 78.1874, 42.2074 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(253, 227, 155) }
```


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

```
.border{ border-color:rgb(253, 227, 155) }
```

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

Here you see how a box with a 4 pixel rgb(253, 227, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 155);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8935, 78.1874, 42.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 155) }
```

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

```
.background{ background-color: rgb(253,  
227, 155) }
```

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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