

Converting Colors

XYZ(82.9153, 83.9585, 37.0738)

Have a look what the booklet for
XYZ(82.9153, 83.9585, 37.0738)
contains.

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Color

**XYZ(74.0670, 79.2217,
36.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE58D
RGB	255, 229, 141
RGB Percent	100%, 90%, 55%
CMY	0.0000, 0.1019, 0.4470
CMYK	0.00, 0.10, 0.45, 0.00
HSL	46°, 100%, 78%
HSV	46°, 45%, 100%
XYZ	74.0670, 79.2217, 36.5869
YIQ	226.7420, 43.7440, -21.8560

Conversions

Conversions Part 2

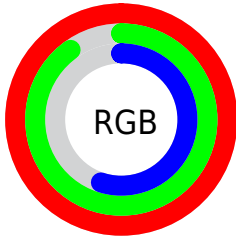
Format	Color
RYB	175, 255, 141
Decimal	16770445
CIELab	91.33, -2.53, 46.02
CIELCh	91, 46.085, 93.153
Yxy	79.2217, 0.3901, 0.4172
Android (android.graphics.Color)	4294960525 (0xFFFFE58D)
YUV	226.7420, -42.2708, 24.7823
Hunter-Lab	89.0066, -7.2224, 37.9329

Details

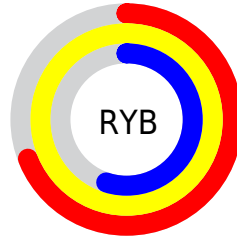
The XYZ color **74.0670, 79.2217, 36.5869** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.8528, 40.5188, 100.1698**, and the grayscale version is **73.1030, 76.9101, 83.7551**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **39.7042, 42.7291, 15.6061** is the 20% darker color. If you saturate the color by 10%, you get **70.8025, 75.3875, 27.1913**, and if you desaturate by 10%, it is **77.8261, 83.3458, 48.3041**.

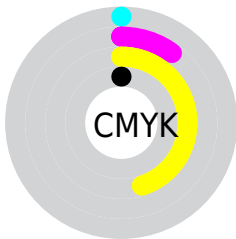
Distribution



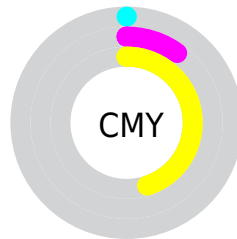
- Red (100%)
- Green (90%)
- Blue (55%)



- Red (69%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0670, 79.2217, 36.5869 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 74.0670, 79.2217, 36.5869 by changing the saturation by 10% instead.


 74.0670, 79.2217,
36.5869

 74.0670, 79.2217,
36.5869


463.7513,
492.3060, 346.6332

 55.1404, 59.0781,
24.5945


 123.9858,
132.2709, 71.1162

 39.7484, 42.6760,
15.5590


 155.7086,
165.9453, 94.4902

 27.5258, 29.6310,
9.0616


192.4275,
204.8988, 122.4951

 18.1071, 19.5587,
4.6841

234.5080,
249.5158, 155.5496

 11.1271, 12.0746,
2.0076

282.3152,
300.1806, 194.0721

 6.2203, 6.7945,
0.5600

336.2146,

 3.0214, 3.3339,

357.2776, 238.4812

0.0000

396.5715,
421.1913, 289.1954

■ 1.1651, 1.3085,
0.0000

■ 0.0785, 0.1477,
0.0000

■ 74.0670, 79.2217,
36.5869

■ 74.0670, 79.2217,
36.5869

■ 70.8025, 75.3875,
27.1913

■ 77.8261, 83.3458,
48.3041

■ 67.9958, 71.8189,
19.9521

■ 82.1021, 87.7608,
62.4830

■ 65.6142, 68.5049,
14.6904

■ 86.9225, 92.4814,
79.2583

■ 63.6171, 65.4283,
11.1957

■ 92.3113, 97.5180,
98.7535

■ 61.9550, 62.5686, 95.0499, 99.9999,
9.2096 108.9000

■ 61.1734, 61.1270,
8.5745

Harmonies

Analogous

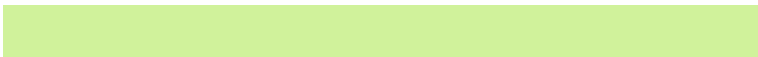
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9239, 79.2217, 40.5908



74.0670, 79.2217, 36.5869



63.6504, 79.2217, 42.7731

Triad

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



74.0670, 79.2217, 36.5869



57.9865, 79.2217, 126.5189



97.2114, 79.2217, 118.7580

Complementary

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



74.0670, 79.2217, 36.5869



42.8528, 40.5188, 100.1698

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.



88.2860, 79.2217, 152.2422



74.0670, 79.2217, 36.5869



65.5861, 79.2217, 157.4776

Square

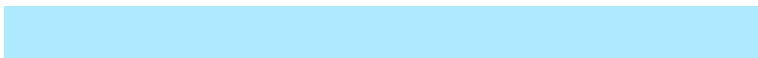
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0670, 79.2217, 36.5869



54.9908, 79.2217, 89.8522



76.5423, 79.2217, 167.9305



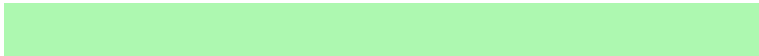
100.0743, 79.2217, 82.7628

Rectangle

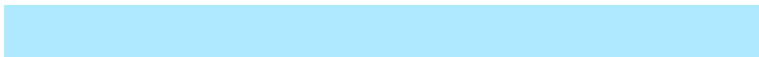
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0670, 79.2217, 36.5869



58.6883, 79.2217, 53.0975



76.5423, 79.2217, 167.9305



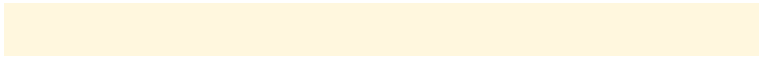
94.7781, 79.2217, 130.9629

Sweetspot

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



74.0689, 79.2254, 36.5885



87.8006, 93.3176, 82.3864



57.7960, 43.1228, 42.1290



18.5503, 19.7425, 16.7705



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.



74.0689, 79.2254, 36.5885



71.0175, 75.6492, 27.7810



71.4947, 89.3864, 38.6855



19.1894, 20.3469, 19.0603



32.0826, 32.1765, 4.5198



3.2054, 3.2962, 0.4673

Inverse Universe

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



42.8528, 40.5188, 100.1698



36.1262, 32.4221, 98.9618



44.4575, 34.9736, 99.0149



17.3390, 18.0496, 22.8200



10.3177, 5.5449, 49.9611



1.0827, 0.6960, 4.8906

Previews

White Background



This preview shows how the XYZ color 74.0670, 79.2217, 36.5869 looks on a white background.

Color Contrast Check

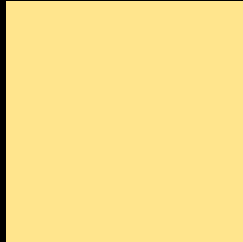
Large Text (above 18pt) WCAG AA × Fail

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 74.0670, 79.2217, 36.5869 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 74.0670, 79.2217, 36.5869

Background



This preview shows how black text looks on a background with the XYZ color 74.0670, 79.2217, 36.5869.



This preview shows how white text looks on a background with the XYZ color 74.0670, 79.2217,

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

74.0670, 79.2217, 36.5869

Protanopia

72.8882, 79.0259, 36.6112

Deuteranopia

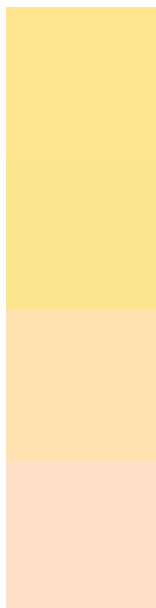
77.9028, 79.0055, 62.1826



Tritanopia

82.0693, 79.3857, 88.0883

Trichromacy



Original Color

74.0670, 79.2217, 36.5869

Protanomaly

73.2494, 79.2122, 36.6281

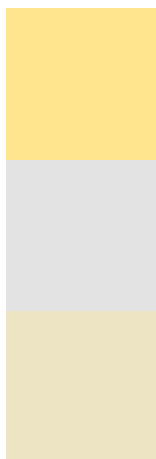
Deuteranomaly

76.1742, 78.7479, 51.7425

Tritanomaly

78.5905, 79.2806, 65.8041

Monochromacy



Original Color

74.0670, 79.2217, 36.5869

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.6323, 77.4769, 63.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0670, 79.2217, 36.5869 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, 229, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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, 229, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 141) }
```

Border

The CSS property to change the border of an element to XYZ 74.0670, 79.2217, 36.5869 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, 229, 141) }
```


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

```
.border{ border-color:rgb(255, 229, 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, 229, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0670, 79.2217, 36.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 141) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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