

Converting Colors

XYZ(85.2615, 79.4753, 38.4438)

Have a look what the booklet for
XYZ(85.2615, 79.4753, 38.4438)
contains.

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Color

**XYZ(70.8069, 71.9675,
37.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD793
RGB	255, 215, 147
RGB Percent	100%, 84%, 58%
CMY	0.0000, 0.1568, 0.4235
CMYK	0.00, 0.16, 0.42, 0.00
HSL	38°, 100%, 79%
HSV	38°, 42%, 100%
XYZ	70.8069, 71.9675, 37.7629
YIQ	219.2080, 45.6680, -12.6680

Conversions

Conversions Part 2

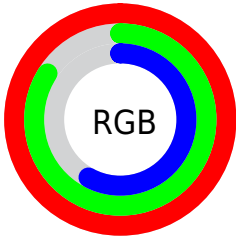
Format	Color
R _Y B	211, 255, 147
Decimal	16766867
CIE Lab	87.95, 5.19, 38.71
CIE LCh	88, 39.057, 82.366
Yxy	71.9675, 0.3922, 0.3986
Android (android.graphics.Color)	4294956947 (0xFFFFD793)
YUV	219.2080, -35.5985, 31.3896
Hunter-Lab	84.8337, 0.5271, 32.9912

Details

The XYZ color **70.8069, 71.9675, 37.7629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8523, 48.9618, 101.5361**, and the grayscale version is **67.6951, 71.2205, 77.5592**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **37.4013, 37.7036, 16.1327** is the 20% darker color. If you saturate the color by 10%, you get **66.6884, 66.5856, 27.5885**, and if you desaturate by 10%, it is **75.5113, 77.8112, 50.3222**.

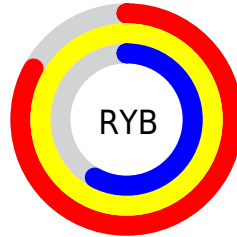
Distribution



Red (100%)

Green (84%)

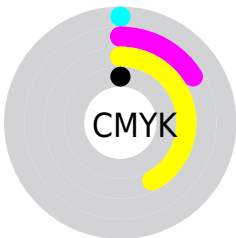
Blue (58%)



Red (83%)

Yellow (100%)

Blue (58%)

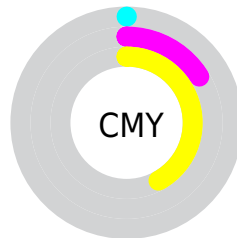


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8069, 71.9675, 37.7629 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 70.8069, 71.9675, 37.7629 by changing the saturation by 10% instead.


 70.8069, 71.9675,
37.7629


 70.8069, 71.9675,
37.7629


452.6005,
467.4285, 351.8694

 52.4666, 53.1321,
25.4983


 119.3787,
122.0103, 72.9440

 37.6029, 37.9083,
16.2263


 150.3410,
153.9866, 96.6975

 25.8504, 25.9115,
9.5284


186.2413,
191.1119, 125.1178

 16.8439, 16.7574,
4.9859

227.4449,
233.7707, 158.6234

 10.2179, 10.0617,
2.1804

274.3173,
282.3473, 197.6328

 5.6070, 5.4399,
0.6630

327.2238,

 2.6460, 2.5076,

337.2263, 242.5646

0.0000

386.5297,
398.7918, 293.8373

■ 0.9695, 0.8804,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8069, 71.9675,
37.7629

■ 70.8069, 71.9675,
37.7629

■ 66.6884, 66.5856,
27.5885

■ 75.5113, 77.8112,
50.3222

■ 63.1185, 61.6388,
19.6376

■ 80.8255, 84.1218,
65.4045

■ 60.0633, 57.1125,
13.7359

■ 86.7782, 90.9171,
83.1425

■ 57.4821, 52.9865,
9.6806

■ 93.3946, 98.2106,
103.6583

■ 55.3260, 49.2371, 95.0499, 100.0000,
7.2265 108.9000

■ 53.9097, 46.5995,
6.1533

Harmonies

Analogous

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



79.9171, 71.9675, 44.3896



70.8069, 71.9675, 37.7629



61.8197, 71.9675, 39.8914

Triad

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



70.8069, 71.9675, 37.7629



53.1586, 71.9675, 99.5150



83.5689, 71.9675, 113.9886

Complementary

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



70.8069, 71.9675, 37.7629



47.8523, 48.9618, 101.5361

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.



75.4378, 71.9675, 135.9239



70.8069, 71.9675, 37.7629



58.0515, 71.9675, 126.3337

Square

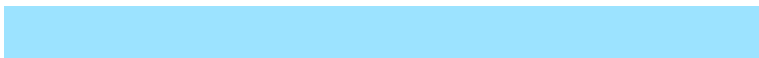
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8069, 71.9675, 37.7629



52.1615, 71.9675, 71.7499



66.0540, 71.9675, 140.8912



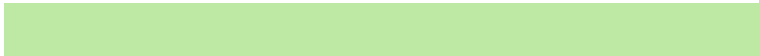
87.7078, 71.9675, 85.3649

Rectangle

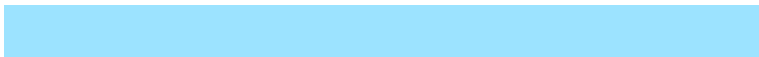
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.8069, 71.9675, 37.7629



57.0434, 71.9675, 46.2770



66.0540, 71.9675, 140.8912



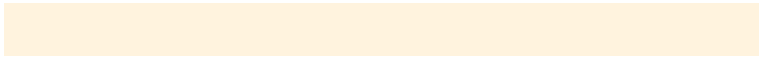
81.1786, 71.9675, 122.6325

Sweetspot

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



70.8087, 71.9709, 37.7644



86.3728, 90.4620, 81.9105



60.7944, 45.7762, 53.4355



18.1961, 19.0340, 16.6524



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.



70.8087, 71.9709, 37.7644



67.2127, 67.2878, 28.8307



77.7820, 92.5746, 41.3738



18.9627, 19.8936, 18.9847



28.3168, 24.6448, 3.2645



2.8617, 2.6088, 0.3527

Inverse Universe

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



47.8523, 48.9618, 101.5361



41.4647, 41.5053, 100.4336



42.9017, 35.5207, 99.2026



17.5539, 18.4795, 22.8916



11.6735, 8.2566, 50.4130



1.2369, 1.0045, 4.9420

Previews

White Background



This preview shows how the XYZ color 70.8069, 71.9675, 37.7629 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 70.8069, 71.9675, 37.7629 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 70.8069, 71.9675, 37.7629

Background



This preview shows how black text looks on a background with the XYZ color 70.8069, 71.9675, 37.7629.



This preview shows how white text looks on a background with the XYZ color 70.8069, 71.9675,

37.7629.

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

70.8069, 71.9675, 37.7629

Protanopia

66.8779, 72.2336, 38.8514

Deuteranopia

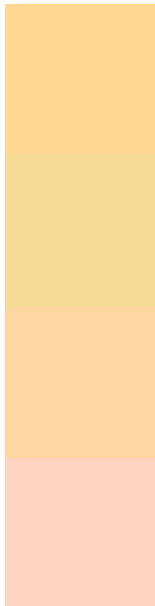
72.1957, 71.7131, 47.5730



Tritanopia

77.0916, 72.0814, 78.2565

Trichromacy



Original Color

70.8069, 71.9675, 37.7629

Protanomaly

68.3330, 72.2136, 38.3541

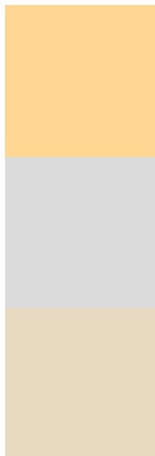
Deuteranomaly

71.7196, 71.9263, 43.8214

Tritanomaly

74.2719, 71.7436, 60.9723

Monochromacy



Original Color

70.8069, 71.9675, 37.7629

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9758, 71.1489, 60.6025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8069, 71.9675, 37.7629 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, 215, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 147)  
}
```

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, 215, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 147) }
```

Border

The CSS property to change the border of an element to XYZ 70.8069, 71.9675, 37.7629 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, 215, 147) }
```


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

```
.border{ border-color:rgb(255, 215, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8069, 71.9675, 37.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 147) }
```

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

```
.background{ background-color: rgb(255,  
215, 147) }
```

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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