

Converting Colors

XYZ(69.5089, 71.2800, 38.5287)

Have a look what the booklet for
XYZ(69.5089, 71.2800, 38.5287)
contains.

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Color

**XYZ(69.5089, 71.2800,
38.5287)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD795
RGB	251, 215, 149
RGB Percent	98%, 84%, 58%
CMY	0.0157, 0.1568, 0.4157
CMYK	0.00, 0.14, 0.41, 0.02
HSL	39°, 93%, 78%
HSV	39°, 41%, 98%
XYZ	69.5089, 71.2800, 38.5287
YIQ	218.2400, 42.6420, -12.8940

Conversions

Conversions Part 2

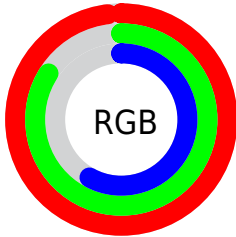
Format	Color
R _Y B	205, 251, 149
Decimal	16504725
CIE Lab	87.62, 3.83, 37.20
CIE LCh	88, 37.392, 84.116
Yxy	71.2800, 0.3876, 0.3975
Android (android.graphics.Color)	4294694805 (0xFFFB795)
YUV	218.2400, -34.1353, 28.7305
Hunter-Lab	84.4275, -0.7896, 32.0421

Details

The XYZ color **69.5089, 71.2800, 38.5287** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1555, 48.0509, 98.0561**, and the grayscale version is **67.0153, 70.5053, 76.7803**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **36.7208, 37.3421, 16.5816** is the 20% darker color. If you saturate the color by 10%, you get **65.5227, 66.1763, 28.3563**, and if you desaturate by 10%, it is **74.0526, 76.8073, 51.0190**.

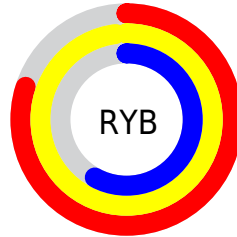
Distribution



Red (98%)

Green (84%)

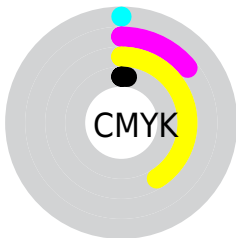
Blue (58%)



Red (80%)

Yellow (98%)

Blue (58%)

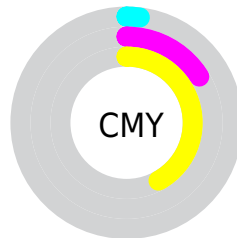


Cyan (0%)

Magenta (14%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5089, 71.2800, 38.5287 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 69.5089, 71.2800, 38.5287 by changing the saturation by 10% instead.


 69.5089, 71.2800,
38.5287


 69.5089, 71.2800,
38.5287


448.1171,
465.0316, 355.2485

 51.4044, 52.5707,
26.0883

 117.5382,
121.0323, 74.1302

 36.7529, 37.4602,
16.6633


 148.1938,
152.8442, 98.1283

 25.1890, 25.5640,
9.8353


183.7638,
189.7923, 126.8161

 16.3474, 16.4978,
5.1857

224.6135,
232.2612, 160.6120

 9.8627, 9.8771,
2.2960

271.1084,
280.6352, 199.9347

 5.3696, 5.3175,
0.7290

323.6137,

 2.5027, 2.4347,

335.2986, 245.2026

0.0000

382.4948,
396.6360, 296.8344

■ 0.8966, 0.8437,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5089, 71.2800,
38.5287

■ 69.5089, 71.2800,
38.5287

■ 65.5227, 66.1763,
28.3563

■ 74.0526, 76.8073,
51.0190

■ 62.0588, 61.4713,
20.3492

■ 79.1760, 82.7622,
65.9577

■ 59.0857, 57.1518,
14.3433

■ 84.9061, 89.1612,
83.4709

■ 56.5656, 53.1995,
10.1491

■ 91.2666, 96.0164,
103.6745

■ 54.4533, 49.5930,
7.5397

■ 93.5936, 99.2492,
108.8318

■ 52.7791, 46.5001,
6.1937

Harmonies

Analogous

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



78.2206, 71.2800, 44.4459



69.5089, 71.2800, 38.5287



61.0323, 71.2800, 41.0891

Triad

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



69.5089, 71.2800, 38.5287



53.3754, 71.2800, 99.2740



82.4919, 71.2800, 109.8232

Complementary

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



69.5089, 71.2800, 38.5287



47.1555, 48.0509, 98.0561

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.



74.9424, 71.2800, 131.1279



69.5089, 71.2800, 38.5287



58.2572, 71.2800, 124.1680

Square

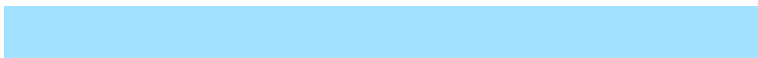
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5089, 71.2800, 38.5287



52.1939, 71.2800, 72.7224



66.0200, 71.2800, 136.8793



86.1242, 71.2800, 82.7155

Rectangle

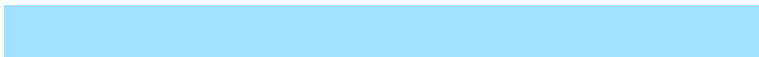
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5089, 71.2800, 38.5287



56.5816, 71.2800, 47.6195



66.0200, 71.2800, 136.8793



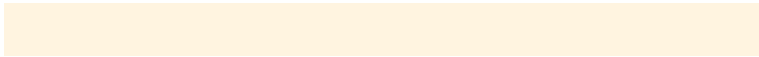
80.2980, 71.2800, 118.1182

Sweetspot

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



69.5107, 71.2833, 38.5302



87.1603, 91.4864, 83.8706



59.4371, 45.5671, 52.3410



18.4843, 19.3923, 17.4210



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.



69.5107, 71.2833, 38.5302



68.5438, 69.4154, 30.9226



74.9810, 89.2378, 41.7074



18.1819, 19.0996, 18.1907



27.8850, 24.7267, 3.3030



2.6823, 2.4894, 0.3391

Inverse Universe

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



47.1555, 48.0509, 98.0561



42.4273, 42.2972, 100.5358



43.1832, 36.2052, 95.9790



16.7841, 17.6450, 21.9065



11.1356, 7.6268, 48.8588



1.1270, 0.8976, 4.5570

Previews

White Background



This preview shows how the XYZ color 69.5089, 71.2800, 38.5287 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 69.5089, 71.2800, 38.5287 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 69.5089, 71.2800, 38.5287

Background



This preview shows how black text looks on a background with the XYZ color 69.5089, 71.2800, 38.5287.



This preview shows how white text looks on a background with the XYZ color 69.5089, 71.2800,

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

69.5089, 71.2800, 38.5287

Protanopia

66.4390, 71.5979, 39.5962

Deuteranopia

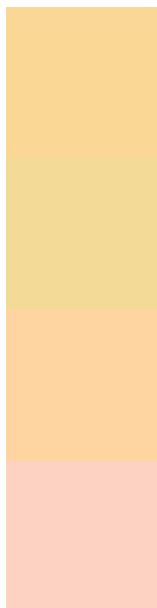
71.7585, 71.1370, 46.5079



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

69.5089, 71.2800, 38.5287

Protanomaly

67.5386, 71.3995, 39.0760

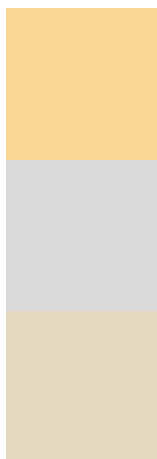
Deuteranomaly

71.0125, 71.1974, 43.2574

Tritanomaly

73.7700, 71.1041, 61.4661

Monochromacy



Original Color

69.5089, 71.2800, 38.5287

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.0716, 70.2990, 60.4861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5089, 71.2800, 38.5287 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, 215, 149)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 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(251, 215, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 149) }
```

Border

The CSS property to change the border of an element to XYZ 69.5089, 71.2800, 38.5287 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, 215, 149) }
```


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

```
.border{ border-color:rgb(251, 215, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 215, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 215, 149);  
box-shadow:4px 4px 4px 4px rgb(251, 215,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5089, 71.2800, 38.5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 149) }
```

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

```
.background{ background-color: rgb(251,  
215, 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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