

Converting Colors

XYZ(73.3529, 71.7620, 70.4982)

Have a look what the booklet for
XYZ(73.3529, 71.7620, 70.4982)
contains.

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Color

**XYZ(73.3089, 71.7848,
70.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5D1
RGB	246, 213, 209
RGB Percent	96%, 84%, 82%
CMY	0.0353, 0.1647, 0.1804
CMYK	0.00, 0.13, 0.15, 0.04
HSL	6°, 67%, 89%
HSV	6°, 15%, 96%
XYZ	73.3089, 71.7848, 70.3137
YIQ	222.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

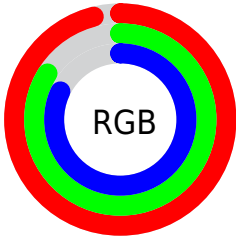
Format	Color
R _Y B	246, 213, 209
Decimal	16176593
CIE Lab	87.86, 10.85, 6.21
CIE LCh	88, 12.495, 29.779
Yxy	71.7848, 0.3403, 0.3333
Android (android.graphics.Color)	4294366673 (0xFFFF6D5D1)
YUV	222.4110, -6.6116, 20.6876
Hunter-Lab	84.7259, 6.1764, 10.1036

Details

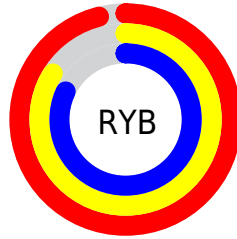
The XYZ color **73.3089, 71.7848, 70.3137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6807, 83.7115, 99.4112**, and the grayscale version is **69.7583, 73.3911, 79.9230**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1295, 37.6391, 36.2131** is the 20% darker color. If you saturate the color by 10%, you get **65.3459, 60.3620, 53.7753**, and if you desaturate by 10%, it is **82.4926, 84.8950, 89.5808**.

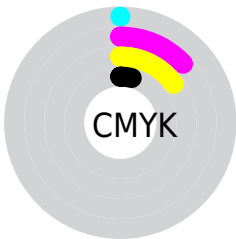
Distribution



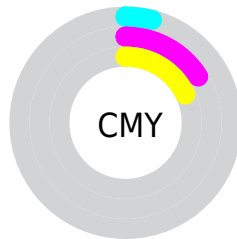
- Red (96%)
- Green (84%)
- Blue (82%)



- Red (96%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3089, 71.7848, 70.3137 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 73.3089, 71.7848, 70.3137 by changing the saturation by 10% instead.


 73.3089, 71.7848,
70.3137

 73.3089, 71.7848,
70.3137


461.1719,
466.7922, 480.4695

 54.5179, 52.9829,
51.3039


122.9164,
121.7505, 121.3413

 39.2482, 37.7891,
36.0721


154.4636,
153.6831, 154.1962

 27.1344, 25.8191,
24.1998


190.9935,
190.7614, 192.5033

 17.8113, 16.6883,
15.2683

232.8716,
233.3698, 236.6810

 10.9135, 10.0125,
8.8592

280.4631,
281.8927, 287.1480

 6.0755, 5.4073,
4.5539

334.1334,

 2.9322, 2.4881,

336.7145, 344.3227

1.9339

394.2479,
398.2195, 408.6237

■ 1.1180, 0.8707,
0.5142

■ 0.0401, 0.0000,
0.0000

■ 73.3089, 71.7848,
70.3137

■ 73.3089, 71.7848,
70.3137

■ 65.3459, 60.3620,
53.7753

■ 82.4926, 84.8950,
89.5808

■ 58.5464, 50.5487,
39.8379

■ 91.8163, 98.3330,
108.7487

■ 52.8574, 42.2755,
28.3702

■ 48.2196, 35.4639,
19.2278

■ 44.5680, 30.0287,
12.2515

■ 41.8302, 25.8758,
7.2616

■ 39.9239, 22.8989,
4.0496

■ 38.7513, 20.9748,
2.3604

■ 38.3897, 20.3597,
1.9065

Harmonies

Analogous

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



74.1031, 71.7848, 78.2245



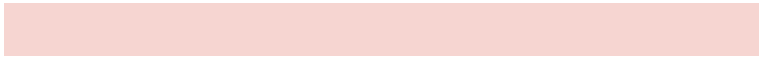
73.3089, 71.7848, 70.3137



71.1454, 71.7848, 64.8589

Triad

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



73.3089, 71.7848, 70.3137



63.4109, 71.7848, 70.2121



68.2073, 71.7848, 95.6909

Complementary

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



73.3089, 71.7848, 70.3137



74.6807, 83.7115, 99.4112

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.



65.3940, 71.7848, 93.1688



73.3089, 71.7848, 70.3137



62.6744, 71.7848, 78.0985

Square

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



73.3089, 71.7848, 70.3137



65.4310, 71.7848, 64.8033



63.3899, 71.7848, 86.5724



71.1062, 71.7848, 93.2396

Rectangle

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



73.3089, 71.7848, 70.3137



69.2480, 71.7848, 63.1400



63.3899, 71.7848, 86.5724



67.2206, 71.7848, 95.3943

Sweetspot

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



73.3109, 71.7880, 70.3152



89.5440, 92.1647, 97.2715



76.8794, 71.6236, 94.0142



19.0064, 19.4995, 20.4836



0.0000, 0.0000, 0.0000



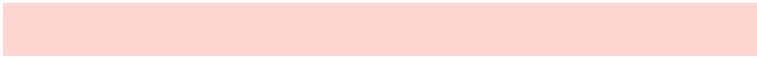
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3109, 71.7880, 70.3152



76.8247, 73.9958, 70.6201



78.1473, 81.4610, 71.9274



16.6435, 16.7711, 17.1575



20.5389, 10.9634, 1.0336



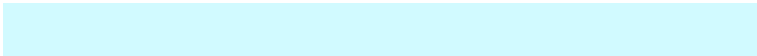
1.8519, 1.0569, 0.1064

Inverse Universe

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



74.6807, 83.7115, 99.4112



78.5684, 89.1812, 107.6804



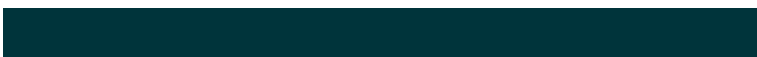
69.5319, 73.4140, 97.6950



16.8346, 18.4334, 21.2133



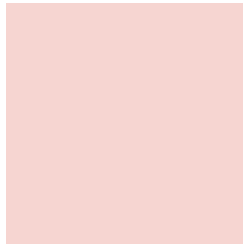
22.5157, 30.8251, 51.3012



2.0219, 2.7952, 4.5232

Previews

White Background



This preview shows how the XYZ color 73.3089, 71.7848, 70.3137 looks on a white background.

Color Contrast Check

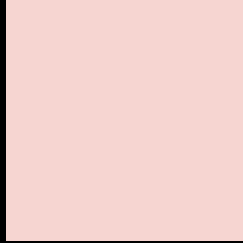
Large Text (above 18pt) WCAG AA × Fail

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 73.3089, 71.7848, 70.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

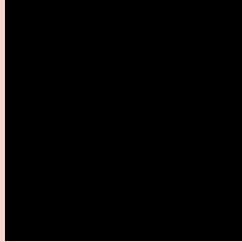
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

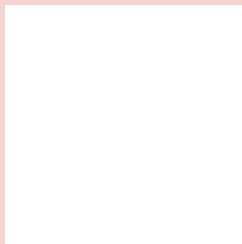
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3089, 71.7848, 70.3137

Background



This preview shows how black text looks on a background with the XYZ color 73.3089, 71.7848, 70.3137.

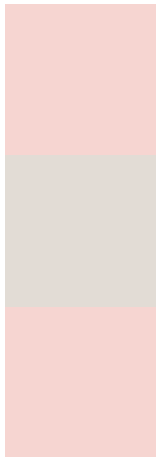


This preview shows how white text looks on a background with the XYZ color 73.3089, 71.7848,

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

73.3089, 71.7848, 70.3137

Protanopia

68.9675, 72.1592, 73.2439

Deuteranopia

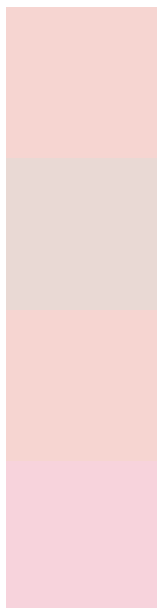
73.3089, 71.7848, 70.3137



Tritanopia

75.6231, 71.5957, 82.5066

Trichromacy



Original Color

73.3089, 71.7848, 70.3137

Protanomaly

70.3008, 71.7028, 72.4221

Deuteranomaly

73.3089, 71.7848, 70.3137

Tritanomaly

74.5703, 71.5300, 77.5865

Monochromacy



Original Color

73.3089, 71.7848, 70.3137

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8109, 72.6617, 75.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3089, 71.7848, 70.3137 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(246, 213, 209) looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 209)  
}
```

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(246, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.3089, 71.7848, 70.3137 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(246, 213, 209) }
```


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

```
.border{ border-color:rgb(246, 213, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3089, 71.7848, 70.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 209) }
```

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

```
.background{ background-color: rgb(246,  
213, 209) }
```

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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