

Converting Colors

XYZ(71.1679, 69.4246, 57.5497)

Have a look what the booklet for
XYZ(71.1679, 69.4246, 57.5497)
contains.

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Color

**XYZ(71.4101, 69.5990,
57.8144)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FAD1BD |
| RGB | 250, 209, 189 |
| RGB Percent | 98%, 82%, 74% |
| CMY | 0.0196, 0.1804, 0.2588 |
| CMYK | 0.00, 0.16, 0.24, 0.02 |
| HSL | 20°, 86%, 86% |
| HSV | 20°, 24%, 98% |
| XYZ | 71.4101, 69.5990, 57.8144 |
| YIQ | 218.9790, 30.8560, 2.4720 |

Conversions

Conversions Part 2

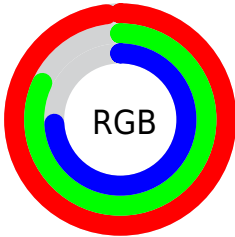
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 250, 219, 189 |
| Decimal | 16437693 |
| CIE Lab | 86.80, 11.44, 15.29 |
| CIE LCh | 87, 19.096, 53.187 |
| Yxy | 69.5990, 0.3592, 0.3501 |
| Android (android.graphics.Color) | 4294627773 (0xFF FAD1BD) |
| YUV | 218.9790, -14.7796, 27.2054 |
| Hunter-Lab | 83.4260, 6.7950, 17.3101 |

Details

The XYZ color **71.4101, 69.5990, 57.8144** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5378, 74.3126, 101.2797**, and the grayscale version is **67.4032, 70.9134, 77.2247**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **38.1576, 36.5577, 28.3378** is the 20% darker color. If you saturate the color by 10%, you get **65.0201, 60.7937, 43.4302**, and if you desaturate by 10%, it is **78.7063, 79.4672, 74.8100**.

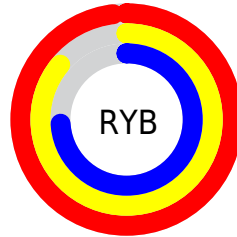
Distribution



Red (98%)

Green (82%)

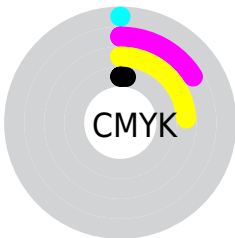
Blue (74%)



Red (98%)

Yellow (86%)

Blue (74%)

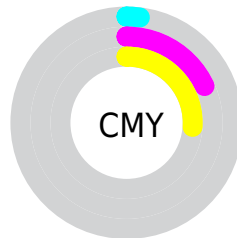


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4101, 69.5990, 57.8144 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 71.4101, 69.5990, 57.8144 by changing the saturation by 10% instead.


 71.4101, 69.5990,
57.8144

 71.4101, 69.5990,
57.8144


454.6753,
459.1408, 434.0729

 52.9607, 51.1997,
41.2457


 120.2328,
118.6367, 103.1646

 37.9987, 36.3676,
28.1900

151.3368,
150.0439, 132.7833

 26.1589, 24.7182,
18.2286

187.3897,
186.5559, 167.5890

 17.0759, 15.8672,
10.9431

228.7569,
228.5570, 208.0004

 10.3842, 9.4302,
5.9149

275.8037,
276.4316, 254.4359

 5.7187, 5.0229,
2.7255

328.8955,

 2.7138, 2.2607,

330.5642, 307.3142

0.9562

388.3976,
391.3391, 367.0537

■ 1.0043, 0.7528,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.4101, 69.5990,
57.8144

■ 71.4101, 69.5990,
57.8144

■ 65.0201, 60.7937,
43.4302

■ 78.7063, 79.4672,
74.8100

■ 59.4934, 53.0054,
31.5221

■ 86.9384, 90.4234,
94.5341

■ 54.7917, 46.1986,
21.9495

■ 93.2345, 99.0641,
108.8150

■ 50.8711, 40.3321,
14.5552

■ 47.6835, 35.3613,
9.1629

■ 45.1742, 31.2375,
5.5681

■ 43.2789, 27.9059,
3.5209

■ 42.4408, 26.3567,
2.8505

Harmonies

Analogous

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



74.3292, 69.5990, 66.5407



71.4101, 69.5990, 57.8144



67.1716, 69.5990, 53.9693

Triad

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



71.4101, 69.5990, 57.8144



58.0177, 69.5990, 72.9126



69.5767, 69.5990, 100.6008

Complementary

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



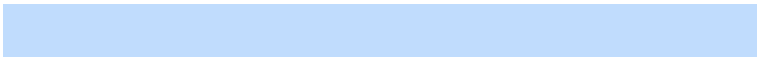
71.4101, 69.5990, 57.8144



66.5378, 74.3126, 101.2797

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.



65.1423, 69.5990, 102.7975



71.4101, 69.5990, 57.8144



58.5972, 69.5990, 85.8405

Square

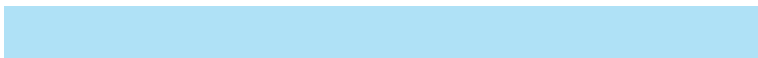
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4101, 69.5990, 57.8144



59.5381, 69.5990, 62.0314



61.1581, 69.5990, 97.1315



73.2379, 69.5990, 91.4266

Rectangle

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



71.4101, 69.5990, 57.8144



64.2198, 69.5990, 54.3473



61.1581, 69.5990, 97.1315



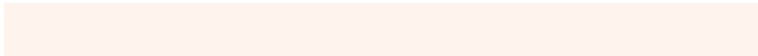
68.1221, 69.5990, 102.2191

Sweetspot

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



71.4120, 69.6022, 57.8158



88.5997, 91.4867, 93.2247



72.0017, 62.4717, 83.6310



18.8499, 19.4306, 19.6792



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.



71.4120, 69.6022, 57.8158



71.4892, 68.4054, 53.1786



79.4231, 85.6244, 60.4862



17.7095, 18.1548, 18.0332



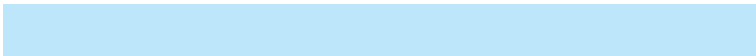
22.6282, 14.2131, 1.5508



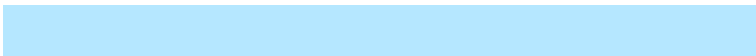
2.1882, 1.5013, 0.1744

Inverse Universe

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



66.5378, 74.3126, 101.2797



65.6233, 74.0608, 105.4442



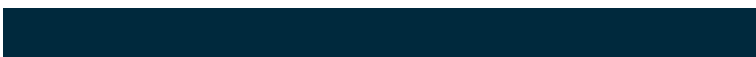
58.9392, 59.1154, 98.7468



17.2581, 18.5929, 22.0645



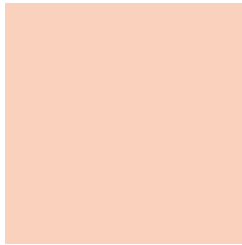
16.7184, 18.7925, 50.7197



1.6451, 1.9339, 4.7298

Previews

White Background



This preview shows how the XYZ color 71.4101, 69.5990, 57.8144 looks on a white background.

Color Contrast Check

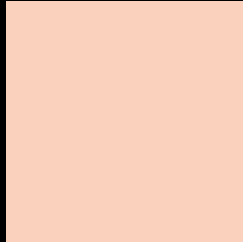
Large Text (above 18pt) WCAG AA × Fail

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 71.4101, 69.5990, 57.8144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

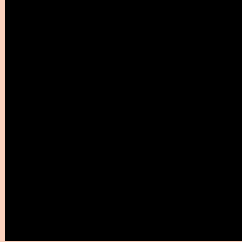
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4101, 69.5990, 57.8144

Background



This preview shows how black text looks on a background with the XYZ color 71.4101, 69.5990, 57.8144.



This preview shows how white text looks on a background with the XYZ color 71.4101, 69.5990,

57.8144.

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

71.4101, 69.5990, 57.8144

Protanopia

66.1170, 69.8069, 60.4414

Deuteranopia

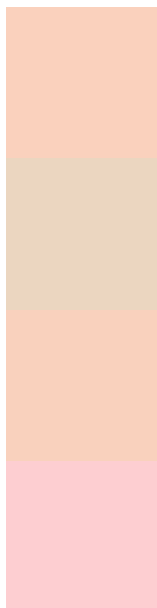
71.0527, 69.4148, 57.7976



Tritanopia

75.3842, 69.4239, 77.1371

Trichromacy



Original Color

71.4101, 69.5990, 57.8144

Protanomaly

67.8219, 69.5611, 59.7212

Deuteranomaly

71.0527, 69.4148, 57.7976

Tritanomaly

74.0879, 69.6287, 69.8564

Monochromacy



Original Color

71.4101, 69.5990, 57.8144

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3187, 69.9779, 69.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4101, 69.5990, 57.8144 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(250, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 189)  
}
```

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(250, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 189) }
```

Border

The CSS property to change the border of an element to XYZ 71.4101, 69.5990, 57.8144 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(250, 209, 189) }
```


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

```
.border{ border-color:rgb(250, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4101, 69.5990, 57.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 189) }
```

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

```
.background{ background-color: rgb(250,  
209, 189) }
```

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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