

Converting Colors

XYZ(71.0116, 69.6292, 63.7299)

Have a look what the booklet for
XYZ(71.0116, 69.6292, 63.7299)
contains.

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Color

**XYZ(71.0116, 69.6292,
63.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D2C7
RGB	245, 210, 199
RGB Percent	96%, 82%, 78%
CMY	0.0392, 0.1764, 0.2196
CMYK	0.00, 0.14, 0.19, 0.04
HSL	14°, 70%, 87%
HSV	14°, 19%, 96%
XYZ	71.0116, 69.6292, 63.7299
YIQ	219.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

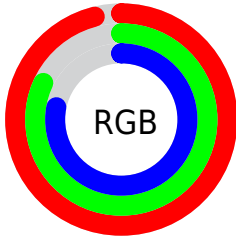
Format	Color
R _Y B	245, 213, 199
Decimal	16110279
CIE Lab	86.81, 10.53, 9.97
CIE LCh	87, 14.501, 43.427
Yxy	69.6292, 0.3475, 0.3407
Android (android.graphics.Color)	4294300359 (0xFFF5D2C7)
YUV	219.2110, -9.9640, 22.6170
Hunter-Lab	83.4441, 5.8777, 13.1285

Details

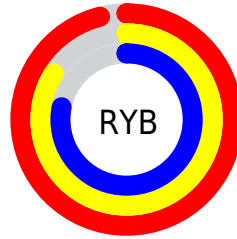
The XYZ color **71.0116, 69.6292, 63.7299** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4569, 77.5785, 97.7001**, and the grayscale version is **67.5351, 71.0522, 77.3758**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7383, 36.5126, 31.8467** is the 20% darker color. If you saturate the color by 10%, you get **64.0564, 59.9101, 48.4889**, and if you desaturate by 10%, it is **78.9646, 80.6097, 81.5645**.

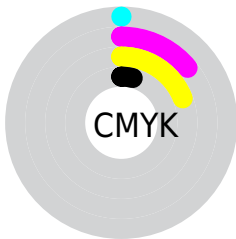
Distribution



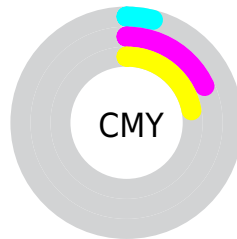
- Red (96%)
- Green (82%)
- Blue (78%)



- Red (96%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0116, 69.6292, 63.7299 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 71.0116, 69.6292, 63.7299 by changing the saturation by 10% instead.

71.0116, 69.6292,
63.7299

71.0116, 69.6292,
63.7299

453.3052,
459.2470, 456.3943

52.6342, 51.2243,
45.9872

119.6687,
118.6798, 111.8176

37.7372, 36.3871,
31.8871

150.6791,
150.0943, 142.9996

25.9550, 24.7333,
21.0112

186.6312,
186.6142, 179.4985

16.9225, 15.8785,
12.9408

227.8904,
228.6237, 221.7327

10.2742, 9.4382,
7.2576

274.8221,
276.5074, 270.1209

5.6448, 5.0281,
3.5428

327.7915,

2.6689, 2.2638,

330.6495, 325.0815

1.3780

387.1641,
391.4346, 387.0331

■ 0.9812, 0.7544,
0.1245

■ 0.0000, 0.0000,
0.0000

■ 71.0116, 69.6292,
63.7299

■ 71.0116, 69.6292,
63.7299

■ 64.0564, 59.9101,
48.4889

■ 78.9646, 80.6097,
81.5645

■ 58.0531, 51.3977,
35.7158

■ 87.9476, 92.8852,
102.1016

■ 52.9606, 44.0468,
25.2809

■ 91.4664, 98.1526,
108.7323

■ 48.7324, 37.8061,
17.0411

■ 45.3178, 32.6201,
10.8370

■ 42.6601, 28.4283,
6.4877

■ 40.6947, 25.1634,
3.7797

■ 39.3360, 22.7455,
2.4033

■ 39.2005, 22.5008,
2.2770

Harmonies

Analogous

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



72.7027, 69.6292, 71.5754



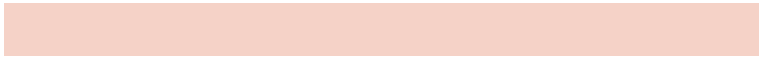
71.0116, 69.6292, 63.7299



68.0508, 69.6292, 59.3432

Triad

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



71.0116, 69.6292, 63.7299



60.1470, 69.6292, 70.6303



67.7005, 69.6292, 95.3897

Complementary

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



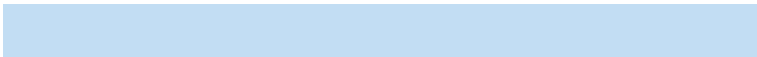
71.0116, 69.6292, 63.7299



69.4569, 77.5785, 97.7001

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.



64.3447, 69.6292, 95.0820



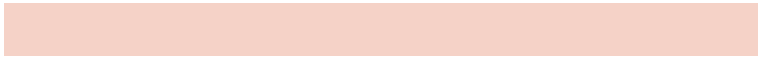
71.0116, 69.6292, 63.7299



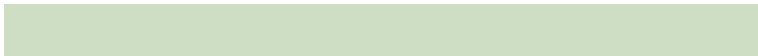
60.0604, 69.6292, 80.2174

Square

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



71.0116, 69.6292, 63.7299



61.8142, 69.6292, 63.0889



61.5736, 69.6292, 89.3373



70.7477, 69.6292, 90.1454

Rectangle

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



71.0116, 69.6292, 63.7299



65.7928, 69.6292, 58.7172



61.5736, 69.6292, 89.3373



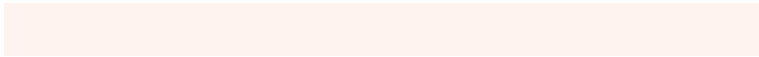
66.5696, 69.6292, 95.9447

Sweetspot

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



71.0135, 69.6323, 63.7314



89.0821, 91.8505, 95.2384



72.9700, 66.2161, 86.9786



18.9336, 19.4766, 20.0807



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.



71.0135, 69.6323, 63.7314



74.3845, 71.5430, 62.3224



77.0292, 81.6637, 65.7366



16.8210, 17.1261, 17.2167



21.2068, 12.2992, 1.2563



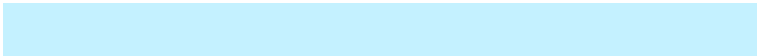
1.9404, 1.2341, 0.1359

Inverse Universe

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



69.4569, 77.5785, 97.7001



72.3523, 81.8951, 106.6017



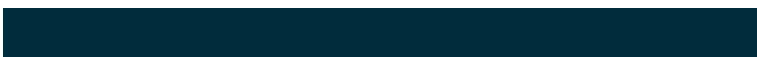
63.3960, 65.4568, 95.6798



16.6411, 18.0466, 21.1488



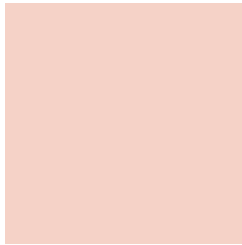
18.4950, 22.7838, 49.9610



1.7043, 2.1600, 4.4173

Previews

White Background



This preview shows how the XYZ color 71.0116, 69.6292, 63.7299 looks on a white background.

Color Contrast Check

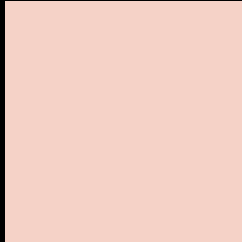
Large Text (above 18pt) WCAG AA × Fail

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 71.0116, 69.6292, 63.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

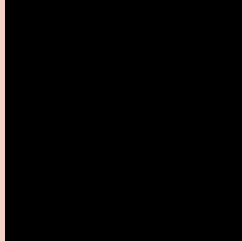
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0116, 69.6292, 63.7299

Background



This preview shows how black text looks on a background with the XYZ color 71.0116, 69.6292, 63.7299.

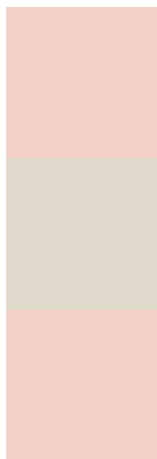


This preview shows how white text looks on a background with the XYZ color 71.0116, 69.6292,

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

71.0116, 69.6292, 63.7299

Protanopia

66.6437, 69.9451, 66.4882

Deuteranopia

71.0116, 69.6292, 63.7299



Tritanopia

74.1020, 69.4268, 79.3072

Trichromacy



Original Color

71.0116, 69.6292, 63.7299

Protanomaly

67.9859, 69.5132, 65.7113

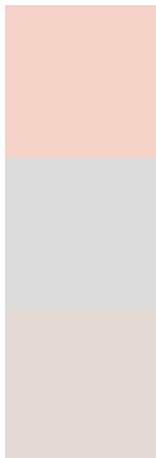
Deuteranomaly

71.0116, 69.6292, 63.7299

Tritanomaly

72.8082, 69.2548, 73.1484

Monochromacy



Original Color

71.0116, 69.6292, 63.7299

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.4344, 70.3592, 72.2612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0116, 69.6292, 63.7299 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(245, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 199)  
}
```

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(245, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 199) }
```

Border

The CSS property to change the border of an element to XYZ 71.0116, 69.6292, 63.7299 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(245, 210, 199) }
```


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

```
.border{ border-color:rgb(245, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(245, 210,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0116, 69.6292, 63.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 199) }
```

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

```
.background{ background-color: rgb(245,  
210, 199) }
```

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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