

Converting Colors

XYZ(71.0060, 69.8251, 68.1289)

Have a look what the booklet for
XYZ(71.0060, 69.8251, 68.1289)
contains.

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Color

**XYZ(71.0528, 69.9220,
68.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3CE
RGB	242, 211, 206
RGB Percent	95%, 83%, 81%
CMY	0.0510, 0.1725, 0.1922
CMYK	0.00, 0.13, 0.15, 0.05
HSL	8°, 58%, 88%
HSV	8°, 15%, 95%
XYZ	71.0528, 69.9220, 68.1439
YIQ	219.6990, 20.0810, 5.0170

Conversions

Conversions Part 2

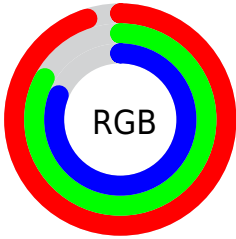
Format	Color
R _Y B	242, 212, 206
Decimal	15913934
CIE Lab	86.96, 10.00, 6.44
CIE LCh	87, 11.893, 32.785
Yxy	69.9220, 0.3398, 0.3344
Android (android.graphics.Color)	4294104014 (0xFFFF2D3CE)
YUV	219.6990, -6.7536, 19.5580
Hunter-Lab	83.6194, 5.3406, 10.2164

Details

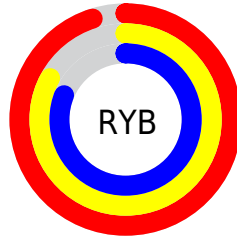
The XYZ color **71.0528, 69.9220, 68.1439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7644, 80.0993, 95.6834**, and the grayscale version is **67.8551, 71.3888, 77.7424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8057, 36.4830, 34.7551** is the 20% darker color. If you saturate the color by 10%, you get **63.4915, 59.1471, 52.2186**, and if you desaturate by 10%, it is **79.7416, 82.2261, 86.6798**.

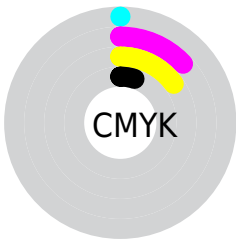
Distribution



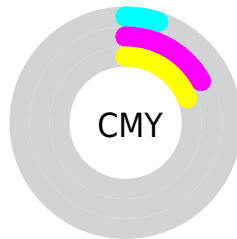
- Red (95%)
- Green (83%)
- Blue (81%)



- Red (95%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0528, 69.9220, 68.1439 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 71.0528, 69.9220, 68.1439 by changing the saturation by 10% instead.


 71.0528, 69.9220,
68.1439

 71.0528, 69.9220,
68.1439


453.4470,
460.2761, 472.6176

 52.6680, 51.4629,
49.5474


119.7270,
119.0975, 118.2141

 37.7642, 36.5772,
34.6852


150.7471,
150.5828, 150.5250

 25.9761, 24.8803,
23.1389


186.7097,
187.1789, 188.2443

 16.9384, 15.9879,
14.4898

227.9801,
229.2702, 231.7907

 10.2856, 9.5156,
8.3195

274.9236,
277.2412, 281.5827

 5.6524, 5.0790,
4.2094

327.9057,

 2.6735, 2.2937,

331.4763, 338.0388

1.7409

387.2917,
392.3598, 401.5776

■ 0.9836, 0.7704,
0.3885

■ 0.0000, 0.0000,
0.0000

■ 71.0528, 69.9220,
68.1439

■ 71.0528, 69.9220,
68.1439

■ 63.4915, 59.1471,
52.2186

■ 79.7416, 82.2261,
86.6798

■ 57.0057, 49.8326,
38.7822

■ 89.5957, 96.1062,
107.9317

■ 51.5478, 41.9183,
27.7101

■ 90.4283, 97.6174,
108.6837

■ 47.0645, 35.3361,
18.8648

■ 43.4975, 30.0124,
12.0949

■ 40.7822, 25.8661,
7.2300

■ 38.8451, 22.8068,
4.0724

■ 37.5997, 20.7301,
2.3804

■ 37.1801, 20.0010,
1.9010

Harmonies

Analogous

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



71.9398, 69.9220, 75.3920



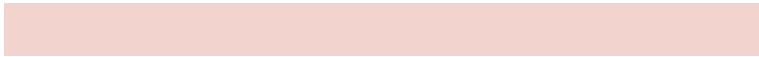
71.0528, 69.9220, 68.1439



68.9324, 69.9220, 63.3193

Triad

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



71.0528, 69.9220, 68.1439



61.8194, 69.9220, 69.3472



66.7188, 69.9220, 92.4633

Complementary

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



71.0528, 69.9220, 68.1439



71.7644, 80.0993, 95.6834

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.



64.0450, 69.9220, 90.5687



71.0528, 69.9220, 68.1439



61.2634, 69.9220, 76.8792

Square

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



71.0528, 69.9220, 68.1439



63.6072, 69.9220, 63.9793



62.0671, 69.9220, 84.7237



69.3943, 69.9220, 89.7364

Rectangle

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



71.0528, 69.9220, 68.1439



67.1321, 69.9220, 61.9385



62.0671, 69.9220, 84.7237



65.7900, 69.9220, 92.3460

Sweetspot

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



71.0547, 69.9251, 68.1454



90.7130, 93.8845, 99.5666



74.0054, 69.1469, 89.7210



19.2468, 19.8559, 20.9475



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

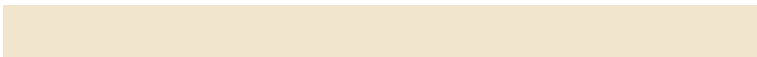
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0547, 69.9251, 68.1454



77.1840, 74.7144, 70.7398



75.7233, 79.2623, 69.7016



15.9500, 16.1131, 16.4192



20.0304, 10.8588, 1.0402



1.7211, 1.0129, 0.1048

Inverse Universe

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



71.7644, 80.0993, 95.6834



78.1309, 88.3062, 107.5346



66.8652, 70.3010, 94.0504



16.0491, 17.5323, 20.2598



20.8499, 27.9241, 49.4189



1.7856, 2.4252, 4.1282

Previews

White Background



This preview shows how the XYZ color 71.0528, 69.9220, 68.1439 looks on a white background.

Color Contrast Check

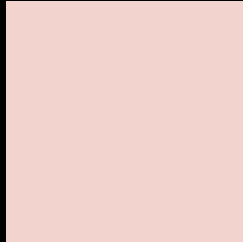
Large Text (above 18pt) WCAG AA × Fail

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 71.0528, 69.9220, 68.1439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

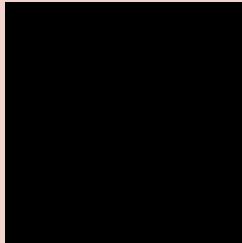
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0528, 69.9220, 68.1439

Background



This preview shows how black text looks on a background with the XYZ color 71.0528, 69.9220, 68.1439.

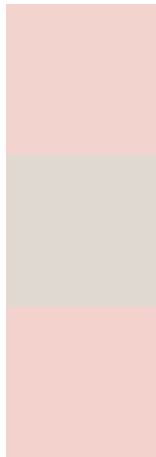


This preview shows how white text looks on a background with the XYZ color 71.0528, 69.9220,

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

71.0528, 69.9220, 68.1439

Protanopia

67.0619, 70.0765, 70.3132

Deuteranopia

71.1493, 69.6041, 68.0775



Tritanopia

73.3186, 69.7267, 80.1153

Trichromacy



Original Color

71.0528, 69.9220, 68.1439

Protanomaly

68.6406, 70.1439, 69.5959

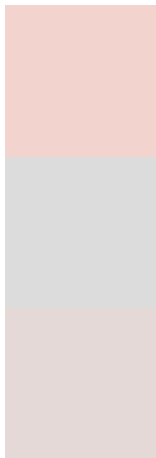
Deuteranomaly

71.1493, 69.6041, 68.0775

Tritanomaly

72.2870, 69.6654, 75.2825

Monochromacy



Original Color

71.0528, 69.9220, 68.1439

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0735, 71.0260, 74.3588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0528, 69.9220, 68.1439 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(242, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 206)  
}
```

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(242, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 206) }
```

Border

The CSS property to change the border of an element to XYZ 71.0528, 69.9220, 68.1439 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(242, 211, 206) }
```


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

```
.border{ border-color:rgb(242, 211, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0528, 69.9220, 68.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 206) }
```

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

```
.background{ background-color: rgb(242,  
211, 206) }
```

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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