

# Converting Colors

XYZ(71.9002, 69.5107, 73.2457)

Have a look what the booklet for  
XYZ(71.9002, 69.5107, 73.2457)  
contains.

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# Color

**XYZ(71.9002, 69.5107,  
73.2457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D1D6
RGB	243, 209, 214
RGB Percent	95%, 82%, 84%
CMY	0.0471, 0.1804, 0.1608
CMYK	0.00, 0.14, 0.12, 0.05
HSL	351°, 59%, 89%
HSV	351°, 14%, 95%
XYZ	71.9002, 69.5107, 73.2457
YIQ	219.7360, 18.6590, 8.7630

# Conversions

## Conversions Part 2

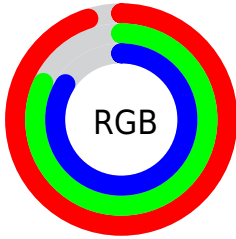
Format	Color
R <sub>Y</sub> B	243, 209, 214
Decimal	15978966
CIE Lab	86.76, 12.67, 1.92
CIE LCh	87, 12.813, 8.638
Yxy	69.5107, 0.3350, 0.3238
Android (android.graphics.Color)	4294169046 (0xFFFF3D1D6)
YUV	219.7360, -2.8278, 20.4025
Hunter-Lab	83.3731, 8.0339, 6.2731

# Details

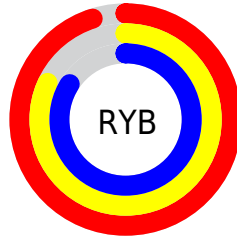
The XYZ color **71.9002, 69.5107, 73.2457** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7804, 83.8312, 93.1854**, and the grayscale version is **67.8551, 71.3889, 77.7425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4729, 36.5107, 37.8204** is the 20% darker color. If you saturate the color by 10%, you get **63.9060, 57.4922, 58.3404**, and if you desaturate by 10%, it is **81.1446, 83.4887, 90.2316**.

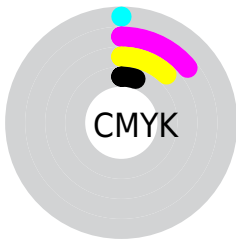
# Distribution



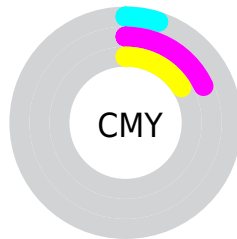
- Red (95%)
- Green (82%)
- Blue (84%)



- Red (95%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9002, 69.5107, 73.2457 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 71.9002, 69.5107, 73.2457 by changing the saturation by 10% instead.



71.9002, 69.5107,  
73.2457

71.9002, 69.5107,  
73.2457

456.3572,  
458.8301, 490.9595

53.3623, 51.1277,  
53.6838

120.9262,  
118.5107, 125.5501

38.3207, 36.3103,  
37.9575

152.1450,  
149.8966, 159.1297

26.4101, 24.6739,  
25.6481

188.3216,  
186.3855, 198.2190

17.2649, 15.8343,  
16.3372

229.8212,  
228.3619, 243.2365

10.5200, 9.4070,  
9.6061

277.0092,  
276.2101, 294.6008

5.8100, 5.0076,  
5.0364

330.2509,

2.7694, 2.2517,

330.3147, 352.7304

2.2095

389.9118,  
391.0599, 418.0438

■ 1.0330, 0.7480,  
0.6799

■ 0.0000, 0.0000,  
0.0000

■ 71.9002, 69.5107,  
73.2457

■ 71.9002, 69.5107,  
73.2457

■ 63.9060, 57.4922,  
58.3404

■ 81.1446, 83.4887,  
90.2316

■ 57.1024, 47.3368,  
45.4311

■ 90.7724, 97.7948,  
108.6998

■ 51.4338, 38.9538,  
34.4339

■ 46.8377, 32.2413,  
25.2574

■ 43.2456, 27.0869,  
17.8025

■ 40.5809, 23.3645,  
11.9606

■ 38.7558, 20.9281,  
7.6104

■ 37.6647, 19.6002,  
4.6126

■ 37.2764, 19.1804,  
3.3834

# Harmonies

## Analogous

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



71.5528, 69.5107, 81.8257



71.9002, 69.5107, 73.2457



70.6484, 69.5107, 65.8881

# Triad

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



71.9002, 69.5107, 73.2457



62.5520, 69.5107, 63.5698



64.0012, 69.5107, 92.0313

# Complementary

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



71.9002, 69.5107, 73.2457



73.7804, 83.8312, 93.1854

# 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.



61.6896, 69.5107, 86.4086



71.9002, 69.5107, 73.2457



60.8706, 69.5107, 69.8601

# Square

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



71.9002, 69.5107, 73.2457



65.2104, 69.5107, 60.5838



60.5597, 69.5107, 78.1786



66.9328, 69.5107, 93.1085



# Rectangle

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



71.9002, 69.5107, 73.2457



69.0971, 69.5107, 62.5116



60.5597, 69.5107, 78.1786



63.1285, 69.5107, 90.5909

# Sweetspot

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



71.9021, 69.5138, 73.2472



90.5124, 93.1161, 100.6322



74.2066, 70.2351, 94.4403



19.1963, 19.6623, 21.2159



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.



71.9021, 69.5138, 73.2472



77.3536, 73.2352, 76.4024



74.3029, 75.3209, 70.9477



16.5983, 16.5222, 17.6314



20.4881, 10.5387, 2.0129



1.8302, 0.9380, 0.3321



# Inverse Universe

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



71.9021, 69.5138, 73.2472



77.3536, 73.2352, 76.4024



71.0786, 77.2366, 95.9566



16.5983, 16.5222, 17.6314



20.4881, 10.5387, 2.0129

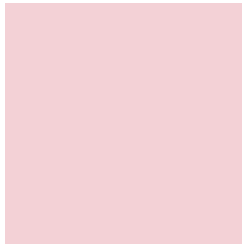


1.8302, 0.9380, 0.3321



# Previews

## White Background



This preview shows how the XYZ color 71.9002, 69.5107, 73.2457 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

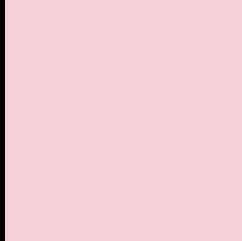
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.9002, 69.5107, 73.2457 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 71.9002, 69.5107, 73.2457**

## **Background**



This preview shows how black text looks on a background with the XYZ color 71.9002, 69.5107, 73.2457.



This preview shows how white text looks on a background with the XYZ color 71.9002, 69.5107,

73.2457.

# 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

71.9002, 69.5107, 73.2457

### Protanopia

67.0295, 69.5458, 76.2205

### Deuteranopia

71.1194, 69.4735, 73.2797



## Tritanopia

73.0756, 69.2406, 80.0343

# Trichromacy



## Original Color

71.9002, 69.5107, 73.2457

## Protanomaly

68.6317, 69.2563, 75.3962

## Deuteranomaly

71.4598, 69.6490, 73.2956

## Tritanomaly

72.7824, 69.5122, 77.2913

# Monochromacy



## Original Color

71.9002, 69.5107, 73.2457

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

69.2057, 70.6677, 76.3224

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.9002, 69.5107, 73.2457 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(243, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 214)  
}
```

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(243, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 71.9002, 69.5107, 73.2457 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(243, 209, 214) }
```



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

```
.border{ border-color:rgb(243, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.9002, 69.5107, 73.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 214) }
```

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

```
.background{ background-color: rgb(243,  
209, 214) }
```

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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