

Converting Colors

XYZ(70.3212, 69.1667, 70.6835)

Have a look what the booklet for
XYZ(70.3212, 69.1667, 70.6835)
contains.

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Color

**XYZ(70.2761, 69.0971,
70.6059)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD2D2
RGB	239, 210, 210
RGB Percent	94%, 82%, 82%
CMY	0.0627, 0.1764, 0.1765
CMYK	0.00, 0.12, 0.12, 0.06
HSL	0°, 48%, 88%
HSV	0°, 12%, 94%
XYZ	70.2761, 69.0971, 70.6059
YIQ	218.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

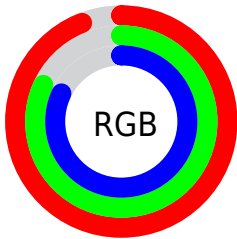
Format	Color
R _Y B	239, 210, 210
Decimal	15717074
CIE Lab	86.55, 10.09, 3.70
CIE LCh	87, 10.749, 20.153
Yxy	69.0971, 0.3347, 0.3291
Android (android.graphics.Color)	4293907154 (0xFFEFD2D2)
YUV	218.6710, -4.2748, 17.8285
Hunter-Lab	83.1247, 5.4411, 7.8265

Details

The XYZ color **70.2761, 69.0971, 70.6059** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0245, 81.6650, 93.5763**, and the grayscale version is **67.1260, 70.6217, 76.9071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4177, 36.2445, 36.4763** is the 20% darker color. If you saturate the color by 10%, you get **62.0526, 57.0642, 54.2549**, and if you desaturate by 10%, it is **79.8291, 83.0758, 89.5956**.

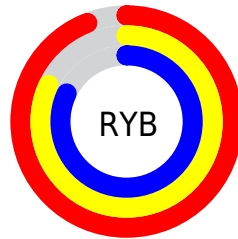
Distribution



Red (94%)

Green (82%)

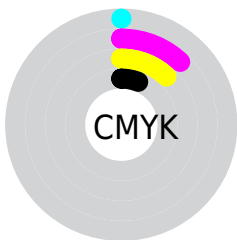
Blue (82%)



Red (94%)

Yellow (82%)

Blue (82%)

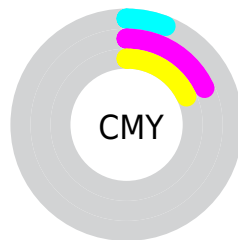


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (6%)



Cyan (6%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2761, 69.0971, 70.6059 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 70.2761, 69.0971, 70.6059 by changing the saturation by 10% instead.


 70.2761, 69.0971,
70.6059

 70.2761, 69.0971,
70.6059


450.7702,
457.3734, 481.5211

 52.0321, 50.7908,
51.5408


118.6265,
117.9203, 121.7616

 37.2550, 36.0421,
36.2595


149.4636,
149.2059, 154.6893

 25.5796, 24.4667,
24.3434


185.2291,
185.5868, 193.0749

 16.6404, 15.6802,
15.3740

226.2884,
227.4472, 237.3370

 10.0722, 9.2981,
8.9327

273.0068,
275.1718, 287.8942

 5.5095, 4.9362,
4.6011

325.7496,

 2.5870, 2.2099,

329.1447, 345.1648

1.9606

384.8823,
389.7504, 409.5676

■ 0.9393, 0.7254,
0.5309

■ 0.0000, 0.0000,
0.0000

■ 70.2761, 69.0971,
70.6059

■ 70.2761, 69.0971,
70.6059

■ 62.0526, 57.0642,
54.2549

■ 79.8291, 83.0758,
89.5956

■ 55.0943, 46.8824,
40.4217

■ 89.4070, 97.0909,
108.6359

■ 49.3401, 38.4624,
28.9827

■ 44.7218, 31.7045,
19.8020

■ 41.1643, 26.4985,
12.7302

■ 38.5832, 22.7214,
7.5997

■ 36.8816, 20.2313,
4.2180

■ 35.9429, 18.8574,
2.3526

■ 35.5973, 18.3517,
1.6660

Harmonies

Analogous

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



70.5094, 69.0971, 77.6063



70.2761, 69.0971, 70.6059



68.7928, 69.0971, 65.1842

Triad

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



70.2761, 69.0971, 70.6059



62.0645, 69.0971, 66.7809



64.8587, 69.0971, 89.5806

Complementary

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



70.2761, 69.0971, 70.6059



73.0245, 81.6650, 93.5763

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.



62.6523, 69.0971, 86.2693



70.2761, 69.0971, 70.6059



61.0663, 69.0971, 72.9125

Square

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



70.2761, 69.0971, 70.6059



64.0378, 69.0971, 63.0745



61.2787, 69.0971, 80.0621



67.3393, 69.0971, 88.8659

Rectangle

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



70.2761, 69.0971, 70.6059



67.3149, 69.0971, 63.0523



61.2787, 69.0971, 80.0621



64.0614, 69.0971, 88.8938

Sweetspot

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



70.2780, 69.1002, 70.6074



90.2833, 93.0251, 99.4234



74.2241, 70.6769, 91.3921



19.1386, 19.6394, 20.9115



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.



70.2780, 69.1002, 70.6074



78.4818, 75.7566, 75.9613



74.0206, 76.5853, 71.8549



15.7731, 15.7592, 16.3602



19.6718, 10.1416, 0.9207



1.6366, 0.8438, 0.0766

Inverse Universe

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



73.0245, 81.6650, 93.5763



82.3492, 93.4498, 108.3051



68.9495, 73.5151, 92.2180



16.2472, 17.9286, 20.3258



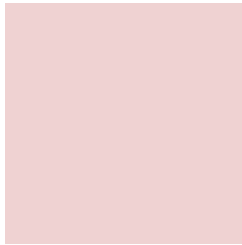
25.6617, 37.5477, 51.0228



2.1349, 3.1237, 4.2446

Previews

White Background



This preview shows how the XYZ color 70.2761, 69.0971, 70.6059 looks on a white background.

Color Contrast Check

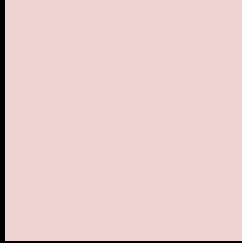
Large Text (above 18pt) WCAG AA × Fail

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 70.2761, 69.0971, 70.6059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

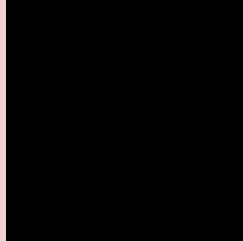
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2761, 69.0971, 70.6059

Background



This preview shows how black text looks on a background with the XYZ color 70.2761, 69.0971, 70.6059.



This preview shows how white text looks on a background with the XYZ color 70.2761, 69.0971,

70.6059.

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

70.2761, 69.0971, 70.6059

Protanopia

66.3849, 69.2880, 72.8258

Deuteranopia

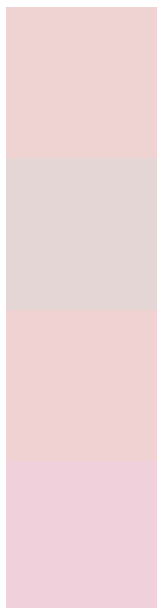
70.6146, 69.2716, 70.6217



Tritanopia

72.2860, 69.1943, 80.0670

Trichromacy



Original Color

70.2761, 69.0971, 70.6059

Protanomaly

67.9251, 69.3406, 72.0914

Deuteranomaly

70.6146, 69.2716, 70.6217

Tritanomaly

71.5218, 69.2407, 76.6130

Monochromacy



Original Color

70.2761, 69.0971, 70.6059

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3146, 70.2384, 74.9225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2761, 69.0971, 70.6059 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(239, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(239, 210, 210)  
}
```

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(239, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 210, 210) }
```

Border

The CSS property to change the border of an element to XYZ 70.2761, 69.0971, 70.6059 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(239, 210, 210) }
```


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

```
.border{ border-color:rgb(239, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(239, 210,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2761, 69.0971, 70.6059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 210, 210) }
```

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

```
.background{ background-color: rgb(239,  
210, 210) }
```

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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