

Converting Colors

XYZ(70.8621, 69.7297, 71.3128)

Have a look what the booklet for
XYZ(70.8621, 69.7297, 71.3128)
contains.

XYZ(70.9873, 69.8169, 71.3626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.9873, 69.8169,
71.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3D3
RGB	240, 211, 211
RGB Percent	94%, 83%, 83%
CMY	0.0588, 0.1725, 0.1725
CMYK	0.00, 0.12, 0.12, 0.06
HSL	0°, 49%, 88%
HSV	0°, 12%, 94%
XYZ	70.9873, 69.8169, 71.3626
YIQ	219.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

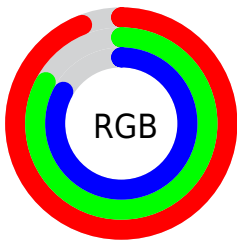
Format	Color
R _Y B	240, 211, 211
Decimal	15782867
CIE Lab	86.91, 10.08, 3.70
CIE LCh	87, 10.739, 20.148
Yxy	69.8169, 0.3346, 0.3291
Android (android.graphics.Color)	4293972947 (0xFFFF0D3D3)
YUV	219.6710, -4.2748, 17.8285
Hunter-Lab	83.5565, 5.4248, 7.8521

Details

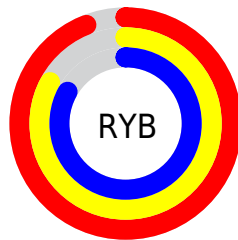
The XYZ color **70.9873, 69.8169, 71.3626** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7519, 82.4587, 94.4678**, and the grayscale version is **67.8202, 71.3521, 77.7025**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7414, 36.4016, 36.9353** is the 20% darker color. If you saturate the color by 10%, you get **62.6775, 57.6578, 54.8401**, and if you desaturate by 10%, it is **80.6401, 83.9417, 90.5507**.

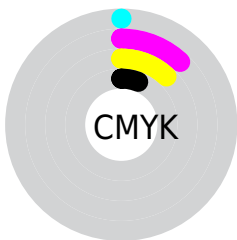
Distribution



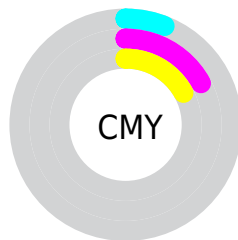
- Red (94%)
- Green (83%)
- Blue (83%)



- Red (94%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (6%)




- Cyan (6%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9873, 69.8169, 71.3626 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 70.9873, 69.8169, 71.3626 by changing the saturation by 10% instead.


 70.9873, 69.8169,
71.3626

 70.9873, 69.8169,
71.3626

453.2216,
459.9068, 484.2378

 52.6143, 51.3773,
52.1545


119.6343,
118.9476, 122.8492

 37.7212, 36.5090,
36.7452


150.6389,
150.4075, 155.9647

 25.9426, 24.8275,
24.7160


186.5849,
186.9762, 194.5531

 16.9132, 15.9486,
15.6485

227.8376,
229.0382, 239.0330

 10.2675, 9.4878,
9.1241

274.7622,
276.9779, 289.8229

 5.6403, 5.0607,
4.7243

327.7241,

 2.6662, 2.2829,

331.1796, 347.3413

2.0305

387.0888,
392.0278, 412.0067

■ 0.9798, 0.7646,
0.5740

■ 0.0000, 0.0000,
0.0000

■ 70.9873, 69.8169,
71.3626

■ 70.9873, 69.8169,
71.3626

■ 62.6775, 57.6578,
54.8401

■ 80.6401, 83.9417,
90.5507

■ 55.6459, 47.3686,
40.8611

■ 89.7455, 97.2654,
108.6518

■ 49.8307, 38.8593,
29.3008

■ 45.1630, 32.0291,
20.0219

■ 41.5669, 26.7668,
12.8734

■ 38.9573, 22.9481,
7.6865

■ 37.2365, 20.4297,
4.2663

■ 36.2865, 19.0393,
2.3786

■ 35.9359, 18.5262,
1.6819

Harmonies

Analogous

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



71.2217, 69.8169, 78.4051



70.9873, 69.8169, 71.3626



69.4956, 69.8169, 65.9066

Triad

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



70.9873, 69.8169, 71.3626



62.7271, 69.8169, 67.5121



65.5376, 69.8169, 90.4457

Complementary

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



70.9873, 69.8169, 71.3626



73.7519, 82.4587, 94.4678

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.



63.3180, 69.8169, 87.1157



70.9873, 69.8169, 71.3626



61.7226, 69.8169, 73.6813

Square

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



70.9873, 69.8169, 71.3626



64.7125, 69.8169, 63.7824



61.9361, 69.8169, 80.8731



68.0329, 69.8169, 89.7277

Rectangle

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



70.9873, 69.8169, 71.3626



68.0091, 69.8169, 63.7607



61.9361, 69.8169, 80.8731



64.7356, 69.8169, 89.7550

Sweetspot

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



70.9892, 69.8200, 71.3641



90.2833, 93.0251, 99.4234



74.9585, 71.4060, 92.2708



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.



70.9892, 69.8200, 71.3641



79.4769, 77.2127, 77.9397



74.7545, 77.3505, 72.6192



15.7730, 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.



73.7519, 82.4587, 94.4678



83.1121, 93.8434, 108.3409



69.6536, 74.2623, 93.1017



16.2472, 17.9286, 20.3258



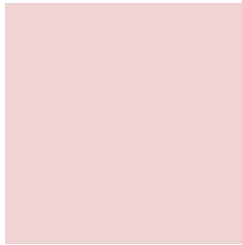
25.6619, 37.5481, 51.0229



2.1349, 3.1238, 4.2446

Previews

White Background



This preview shows how the XYZ color 70.9873, 69.8169, 71.3626 looks on a white background.

Color Contrast Check

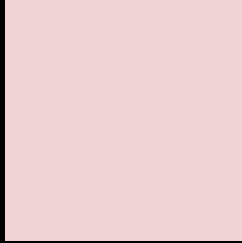
Large Text (above 18pt) WCAG AA × Fail

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 70.9873, 69.8169, 71.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

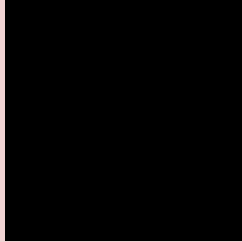
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9873, 69.8169, 71.3626

Background



This preview shows how black text looks on a background with the XYZ color 70.9873, 69.8169, 71.3626.



This preview shows how white text looks on a background with the XYZ color 70.9873, 69.8169,

71.3626.

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

70.9873, 69.8169, 71.3626

Protanopia

67.0747, 70.0103, 73.5965

Deuteranopia

71.3278, 69.9925, 71.3785



Tritanopia

73.0090, 69.9144, 80.8810

Trichromacy



Original Color

70.9873, 69.8169, 71.3626

Protanomaly

68.6238, 70.0630, 72.8574

Deuteranomaly

71.3278, 69.9925, 71.3785

Tritanomaly

72.2405, 69.9613, 77.4065

Monochromacy



Original Color

70.9873, 69.8169, 71.3626

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0158, 70.9664, 75.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9873, 69.8169, 71.3626 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(240, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 211)  
}
```

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(240, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.9873, 69.8169, 71.3626 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(240, 211, 211) }
```


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

```
.border{ border-color:rgb(240, 211, 211) }
```

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

Here you see how a box with a 4 pixel rgb(240, 211, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9873, 69.8169, 71.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 211) }
```

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

```
.background{ background-color: rgb(240,  
211, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor