

Converting Colors

XYZ(71.0107, 67.9871, 73.7297)

Have a look what the booklet for
XYZ(71.0107, 67.9871, 73.7297)
contains.

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Color

**XYZ(70.9550, 67.9262,
73.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CED7
RGB	242, 206, 215
RGB Percent	95%, 81%, 84%
CMY	0.0510, 0.1921, 0.1569
CMYK	0.00, 0.15, 0.11, 0.05
HSL	345°, 58%, 88%
HSV	345°, 15%, 95%
XYZ	70.9550, 67.9262, 73.6613
YIQ	217.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

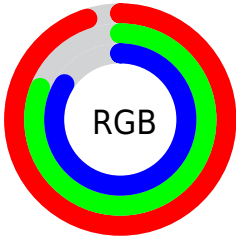
Format	Color
R _Y B	242, 206, 215
Decimal	15912663
CIE Lab	85.97, 14.05, 0.24
CIE LCh	86, 14.056, 0.966
Yxy	67.9262, 0.3338, 0.3196
Android (android.graphics.Color)	4294102743 (0xFFF2CED7)
YUV	217.7900, -1.3755, 21.2322
Hunter-Lab	82.4174, 9.4444, 4.7011

Details

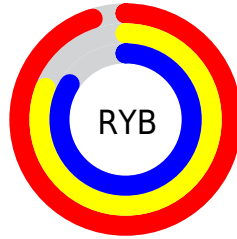
The XYZ color **70.9550, 67.9262, 73.6613** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9164, 82.5110, 89.2307**, and the grayscale version is **66.4978, 69.9608, 76.1873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8231, 35.4336, 38.1036** is the 20% darker color. If you saturate the color by 10%, you get **63.3672, 56.2781, 60.2557**, and if you desaturate by 10%, it is **79.7024, 81.4777, 88.7319**.

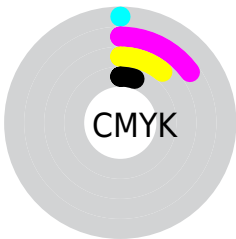
Distribution



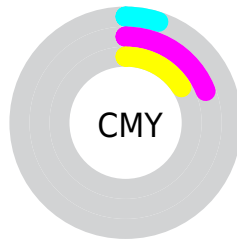
- Red (95%)
- Green (81%)
- Blue (84%)



- Red (95%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9550, 67.9262, 73.6613 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 70.9550, 67.9262, 73.6613 by changing the saturation by 10% instead.

70.9550, 67.9262,
73.6613

70.9550, 67.9262,
73.6613

453.1104,
453.2345, 492.4357

52.5879, 49.8377,
54.0218

119.5885,
116.2466, 126.1452

37.7000, 35.2845,
38.2258

150.5856,
147.2472, 159.8266

25.9261, 23.8821,
25.8548

186.5234,
183.3207, 199.0257

16.9008, 15.2462,
16.4902

227.7673,
224.8514, 244.1610

10.2586, 8.9923,
9.7136

274.6825,
272.2238, 295.6512

5.6344, 4.7362,
5.1064

327.6346,

2.6626, 2.0933,

325.8221, 353.9146

2.2500

386.9887,
386.0309, 419.3700

■ 0.9779, 0.6609,
0.7030

■ 0.0000, 0.0000,
0.0000

■ 70.9550, 67.9262,
73.6613

■ 70.9550, 67.9262,
73.6613

■ 63.3672, 56.2781,
60.2557

■ 79.7024, 81.4777,
88.7319

■ 56.8840, 46.4392,
48.4528

■ 89.6499, 97.0034,
105.5183

■ 51.4544, 38.3209,
38.1928

■ 90.4283, 97.6174,
108.6837

■ 47.0209, 31.8234,
29.4102

■ 43.5205, 26.8366,
22.0347

■ 40.8827, 23.2366,
15.9900

■ 39.0264, 20.8796,
11.1918

■ 37.8534, 19.5898,
7.5447

■ 37.4466, 19.2087,
6.0756

Harmonies

Analogous

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



70.1302, 67.9262, 82.9076



70.9550, 67.9262, 73.6613



70.0199, 67.9262, 65.2031

Triad

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



70.9550, 67.9262, 73.6613



61.4270, 67.9262, 59.7684



61.6022, 67.9262, 90.5793

Complementary

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



70.9550, 67.9262, 73.6613



71.9164, 82.5110, 89.2307

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.



59.3950, 67.9262, 83.4680



70.9550, 67.9262, 73.6613



59.2963, 67.9262, 65.6807

Square

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



70.9550, 67.9262, 73.6613



64.4574, 67.9262, 57.6037



58.5647, 67.9262, 74.2597



64.6663, 67.9262, 93.1521

Rectangle

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



70.9550, 67.9262, 73.6613



68.5417, 67.9262, 61.0189



58.5647, 67.9262, 74.2597



60.7391, 67.9262, 88.6127

Sweetspot

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



70.9569, 67.9292, 73.6627



90.6744, 93.1808, 101.4850



71.7049, 67.8803, 93.3281



19.2372, 19.6787, 21.4310



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.



70.9569, 67.9292, 73.6627



77.0590, 72.1076, 77.9639



72.0612, 71.9372, 68.4835



15.9348, 15.8236, 17.2130



20.1623, 10.3374, 3.5054



1.7159, 0.8754, 0.4947

Inverse Universe

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



70.9569, 67.9292, 73.6627



77.0590, 72.1076, 77.9639



70.6219, 77.8126, 95.3023



15.9348, 15.8236, 17.2130



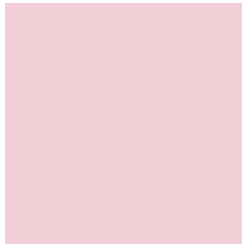
20.1623, 10.3374, 3.5054



1.7159, 0.8754, 0.4947

Previews

White Background



This preview shows how the XYZ color 70.9550, 67.9262, 73.6613 looks on a white background.

Color Contrast Check

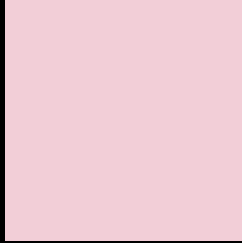
Large Text (above 18pt) WCAG AA × Fail

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 70.9550, 67.9262, 73.6613 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 70.9550, 67.9262, 73.6613

Background



This preview shows how black text looks on a background with the XYZ color 70.9550, 67.9262, 73.6613.

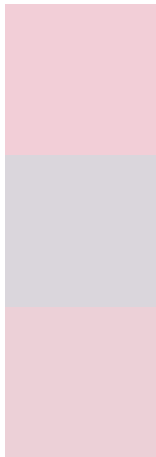


This preview shows how white text looks on a background with the XYZ color 70.9550, 67.9262,

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

70.9550, 67.9262, 73.6613

Protanopia

65.8783, 68.1659, 77.3953

Deuteranopia

69.4137, 67.8509, 73.7280



Tritanopia

71.8446, 67.9378, 77.7333

Trichromacy



Original Color

70.9550, 67.9262, 73.6613

Protanomaly

67.6277, 67.9814, 75.8870

Deuteranomaly

69.8385, 67.7091, 73.6783

Tritanomaly

71.5797, 67.8318, 76.3380

Monochromacy



Original Color

70.9550, 67.9262, 73.6613

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2495, 69.4338, 75.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9550, 67.9262, 73.6613 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, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 215)  
}
```

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, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.9550, 67.9262, 73.6613 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, 206, 215) }
```


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

```
.border{ border-color:rgb(242, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9550, 67.9262, 73.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 215) }
```

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

```
.background{ background-color: rgb(242,  
206, 215) }
```

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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