

Converting Colors

XYZ(70.1809, 62.1100, 72.7373)

Have a look what the booklet for
XYZ(70.1809, 62.1100, 72.7373)
contains.

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Color

**XYZ(70.1035, 62.0572,
72.5734)**

Conversions

Conversions Part 1

Format	Color
Hex	FABED7
RGB	250, 190, 215
RGB Percent	98%, 75%, 84%
CMY	0.0196, 0.2549, 0.1569
CMYK	0.00, 0.24, 0.14, 0.02
HSL	335°, 86%, 86%
HSV	335°, 24%, 98%
XYZ	70.1035, 62.0572, 72.5734
YIQ	210.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

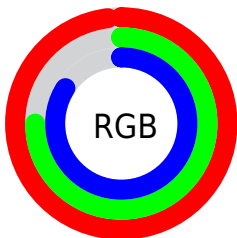
Format	Color
R _Y B	250, 190, 215
Decimal	16432855
CIE Lab	82.94, 25.27, -4.11
CIE LCh	83, 25.606, 350.761
Yxy	62.0572, 0.3424, 0.3031
Android (android.graphics.Color)	4294622935 (0xFF FABED7)
YUV	210.7900, 2.0755, 34.3872
Hunter-Lab	78.7764, 20.9893, 0.5221

Details

The XYZ color **70.1035, 62.0572, 72.5734** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0139, 84.7561, 83.9602**, and the grayscale version is **61.7537, 64.9697, 70.7520**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **37.1416, 31.4838, 37.3771** is the 20% darker color. If you saturate the color by 10%, you get **63.3549, 51.4262, 61.4865**, and if you desaturate by 10%, it is **77.9514, 74.6180, 84.8525**.

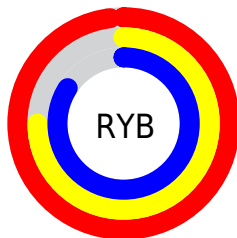
Distribution



Red (98%)

Green (75%)

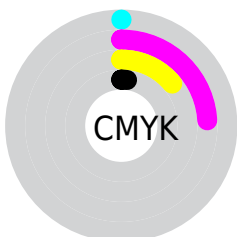
Blue (84%)



Red (98%)

Yellow (75%)

Blue (84%)

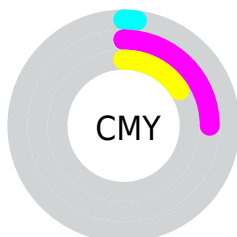


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (25%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1035, 62.0572, 72.5734 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 70.1035, 62.0572, 72.5734 by changing the saturation by 10% instead.


 70.1035, 62.0572,
72.5734

 70.1035, 62.0572,
72.5734


450.1741,
432.1397, 488.5660

 51.8908, 45.0789,
53.1375


 118.3818,
107.8082, 124.5867

 37.1420, 31.5196,
37.5241

149.1781,
137.3497, 158.0012

 25.4916, 20.9948,
25.3146


184.8997,
171.8477, 196.9123

 16.5744, 13.1202,
16.0904

225.9119,
211.6867, 241.7386

 10.0249, 7.5114,
9.4331

272.5801,
257.2510, 292.8985

 5.4779, 3.7839,
4.9241


325.2696,


 2.5679, 1.5534,


308.9250, 350.8107


2.1448


384.3458,
367.0931, 415.8937


 0.9296, 0.3259,
0.6423


 0.0000, 0.0000,
0.0000


 70.1035, 62.0572,
72.5734


 70.1035, 62.0572,
72.5734


 63.3549, 51.4262,
61.4865


 77.9514, 74.6180,
84.8525

 57.6487, 42.6201,
51.5491

 86.9415, 89.1899,
98.3565

 52.9304, 35.5367,
42.7217

 93.2346, 99.0641,
108.8150

 49.1384, 30.0603,
34.9603

■ 46.2037, 26.0607,
28.2174

■ 44.0467, 23.3873,
22.4408

■ 42.5711, 21.8562,
17.5713

■ 41.9313, 21.3268,
15.0449

Harmonies

Analogous

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



67.6006, 62.0572, 88.7015



70.1035, 62.0572, 72.5734



69.4859, 62.0572, 57.3480

Triad

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



70.1035, 62.0572, 72.5734



55.2971, 62.0572, 42.9252



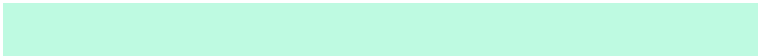
52.5152, 62.0572, 93.9815

Complementary

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



70.1035, 62.0572, 72.5734



69.0139, 84.7561, 83.9602

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.



49.5966, 62.0572, 78.9392



70.1035, 62.0572, 72.5734



51.1317, 62.0572, 50.0928

Square

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



70.1035, 62.0572, 72.5734



60.7057, 62.0572, 41.7674



49.1064, 62.0572, 62.8015



57.2942, 62.0572, 102.2707

Rectangle

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



70.1035, 62.0572, 72.5734



67.4021, 62.0572, 49.5872



49.1064, 62.0572, 62.8015



51.2968, 62.0572, 89.4460

Sweetspot

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



70.1053, 62.0600, 72.5747



87.9860, 88.4826, 98.4973



66.7224, 59.7397, 98.4574



18.7084, 18.7371, 20.8970



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.



70.1053, 62.0600, 72.5747



69.6400, 59.0745, 69.9265



68.2359, 63.0748, 57.2969



17.5445, 17.3452, 19.4573



22.3093, 11.3394, 8.3372



2.1177, 1.0708, 1.0432

Inverse Universe

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



70.1053, 62.0600, 72.5747



69.6400, 59.0745, 69.9265



71.1449, 83.1556, 102.7440



17.5445, 17.3452, 19.4573



22.3093, 11.3394, 8.3372



2.1177, 1.0708, 1.0432

Previews

White Background



This preview shows how the XYZ color 70.1035, 62.0572, 72.5734 looks on a white background.

Color Contrast Check

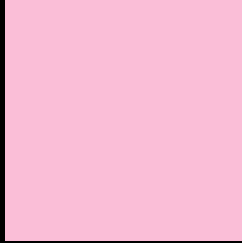
Large Text (above 18pt) WCAG AA × Fail

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 70.1035, 62.0572, 72.5734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

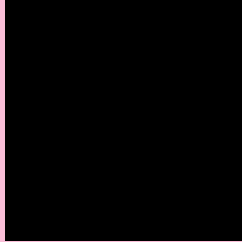
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1035, 62.0572, 72.5734

Background



This preview shows how black text looks on a background with the XYZ color 70.1035, 62.0572, 72.5734.



This preview shows how white text looks on a background with the XYZ color 70.1035, 62.0572,

72.5734.

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

70.1035, 62.0572, 72.5734

Protanopia

60.7027, 62.5036, 79.3860

Deuteranopia

63.6374, 62.4247, 71.6459



Tritanopia

68.8383, 61.8576, 66.7041

Trichromacy



Original Color

70.1035, 62.0572, 72.5734

Protanomaly

63.5242, 61.9012, 77.0066

Deuteranomaly

65.7081, 62.1112, 72.1438

Tritanomaly

69.2063, 62.0048, 68.6422

Monochromacy



Original Color

70.1035, 62.0572, 72.5734

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.2909, 63.4729, 71.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1035, 62.0572, 72.5734 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(250, 190, 215) looks like.

```
.text, #text, p{  
    color:rgb(250, 190, 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(250, 190, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 190, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.1035, 62.0572, 72.5734 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(250, 190, 215) }
```


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

```
.border{ border-color:rgb(250, 190, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 190, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 190, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 190, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 190,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1035, 62.0572, 72.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 190, 215) }
```

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

```
.background{ background-color: rgb(250,  
190, 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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