

Converting Colors

XYZ(72.0764, 67.2668, 65.0372)

Have a look what the booklet for
XYZ(72.0764, 67.2668, 65.0372)
contains.

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Color

**XYZ(71.9261, 67.2008,
65.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCACA
RGB	252, 202, 202
RGB Percent	99%, 79%, 79%
CMY	0.0118, 0.2078, 0.2078
CMYK	0.00, 0.20, 0.20, 0.01
HSL	0°, 89%, 89%
HSV	0°, 20%, 99%
XYZ	71.9261, 67.2008, 65.0572
YIQ	216.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

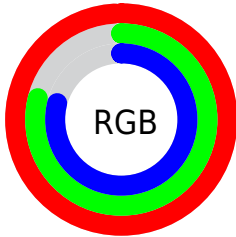
Format	Color
R _Y B	252, 202, 202
Decimal	16566986
CIE Lab	85.61, 17.68, 6.73
CIE LCh	86, 18.921, 20.835
Yxy	67.2008, 0.3523, 0.3291
Android (android.graphics.Color)	4294757066 (0xFFFCACA)
YUV	216.9500, -7.3703, 30.7389
Hunter-Lab	81.9761, 13.1583, 10.3300

Details

The XYZ color **71.9261, 67.2008, 65.0572** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7374, 89.2033, 105.2695**, and the grayscale version is **65.9553, 69.3901, 75.5658**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4409, 34.9200, 32.7312** is the 20% darker color. If you saturate the color by 10%, you get **63.7455, 55.2307, 48.7920**, and if you desaturate by 10%, it is **81.5630, 81.3025, 84.2130**.

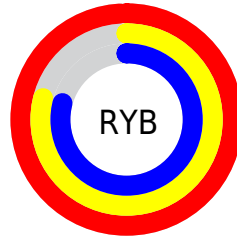
Distribution



Red (99%)

Green (79%)

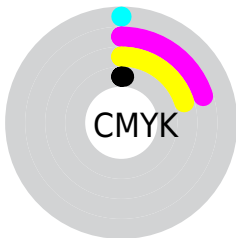
Blue (79%)



Red (99%)

Yellow (79%)

Blue (79%)

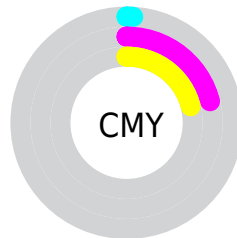


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (1%)



Cyan (1%)


Magenta (21%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9261, 67.2008, 65.0572 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 71.9261, 67.2008, 65.0572 by changing the saturation by 10% instead.


 71.9261, 67.2008,
65.0572

 71.9261, 67.2008,
65.0572

456.4460,
450.6592, 461.3093

 53.3836, 49.2478,
47.0558


120.9628,
115.2081, 113.7462

 38.3378, 34.8161,
32.7251


152.1877,
146.0312, 145.2708

 26.4233, 23.5213,
21.6466

188.3708,
181.9131, 182.1403

 17.2749, 14.9789,
13.4016

229.8774,
223.2383, 224.7732

 10.5272, 8.8046,
7.5717

277.0728,
270.3911, 273.5880

 5.8148, 4.6139,
3.7383

330.3225,

 2.7724, 2.0226,

323.7559, 329.0033

1.4829

389.9918,
383.7172, 391.4375

■ 1.0346, 0.6205,
0.2051

■ 0.0000, 0.0000,
0.0000

■ 71.9261, 67.2008,
65.0572

■ 71.9261, 67.2008,
65.0572

■ 63.7455, 55.2307,
48.7920

■ 81.5630, 81.3025,
84.2130

■ 56.9452, 45.2799,
35.2734

■ 92.7161, 97.6226,
106.3858

■ 51.4508, 37.2399,
24.3509

■ 93.9551, 99.4356,
108.8488

■ 47.1786, 30.9884,
15.8584

■ 44.0354, 26.3887,
9.6103

■ 41.9143, 23.2848,
5.3943

■ 40.6882, 21.4906,
2.9576

■ 40.1519, 20.7057,
1.8919

■ 40.1454, 20.6961,
1.8788

Harmonies

Analogous

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



72.3987, 67.2008, 77.0118



71.9261, 67.2008, 65.0572



69.2446, 67.2008, 56.2843

Triad

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



71.9261, 67.2008, 65.0572



57.6664, 67.2008, 59.1949



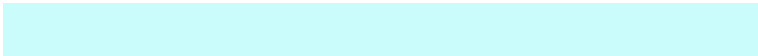
62.5628, 67.2008, 99.1611

Complementary

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



71.9261, 67.2008, 65.0572



76.7374, 89.2033, 105.2695

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.



58.7854, 67.2008, 93.1350



71.9261, 67.2008, 65.0572



56.0432, 67.2008, 69.4586

Square

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



71.9261, 67.2008, 65.0572



60.9728, 67.2008, 53.1732



56.4434, 67.2008, 81.9312



66.8623, 67.2008, 97.6409

Rectangle

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



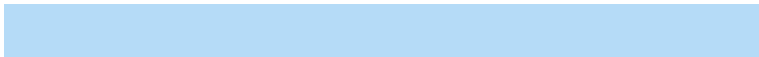
71.9261, 67.2008, 65.0572



66.6288, 67.2008, 52.9823



56.4434, 67.2008, 81.9312



61.1930, 67.2008, 97.9277

Sweetspot

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



71.9279, 67.2039, 65.0586



87.9959, 89.6780, 94.8763



78.8368, 69.9656, 101.4456



18.6778, 18.9651, 19.9955



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.



71.9279, 67.2039, 65.0586



70.2038, 63.6433, 59.5055



78.2753, 79.8986, 67.1744



17.2448, 17.2255, 17.8784



20.9121, 10.7809, 0.9787



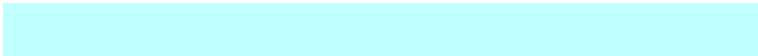
1.9369, 0.9986, 0.0907

Inverse Universe

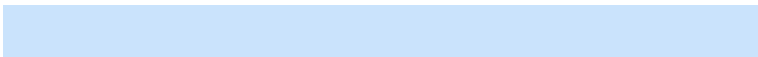
The Inverse Universe completely reimagines the original color for something new.



76.7374, 89.2033, 105.2695



76.0050, 90.1791, 108.0082



69.3977, 74.5238, 102.8229



17.7657, 19.6083, 22.2337



27.2820, 39.9196, 54.2409



2.5268, 3.6973, 5.0237

Previews

White Background



This preview shows how the XYZ color 71.9261, 67.2008, 65.0572 looks on a white background.

Color Contrast Check

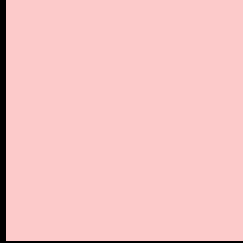
Large Text (above 18pt) WCAG AA × Fail

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 71.9261, 67.2008, 65.0572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

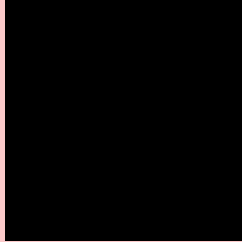
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9261, 67.2008, 65.0572

Background



This preview shows how black text looks on a background with the XYZ color 71.9261, 67.2008, 65.0572.



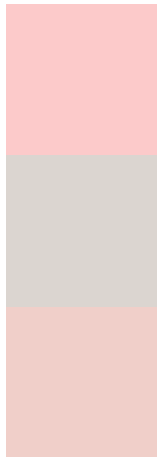
This preview shows how white text looks on a background with the XYZ color 71.9261, 67.2008,

65.0572.

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

71.9261, 67.2008, 65.0572

Protanopia

64.3928, 67.2026, 69.2520

Deuteranopia

68.7906, 67.3680, 64.6360



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

71.9261, 67.2008, 65.0572

Protanomaly

66.8960, 67.0461, 67.8079

Deuteranomaly

69.6822, 67.1128, 64.5398

Tritanomaly

73.0275, 67.3091, 70.1158

Monochromacy



Original Color

71.9261, 67.2008, 65.0572

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.0603, 68.6634, 71.9536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9261, 67.2008, 65.0572 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(252, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 202)  
}
```

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(252, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.9261, 67.2008, 65.0572 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(252, 202, 202) }
```


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

```
.border{ border-color:rgb(252, 202, 202) }
```

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

Here you see how a box with a 4 pixel rgb(252, 202, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9261, 67.2008, 65.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 202) }
```

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

```
.background{ background-color: rgb(252,  
202, 202) }
```

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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