

Converting Colors

XYZ(71.0639, 64.4137, 62.7205)

Have a look what the booklet for
XYZ(71.0639, 64.4137, 62.7205)
contains.

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Color

**XYZ(71.0639, 64.4137,
62.7205)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3C7
RGB	255, 195, 199
RGB Percent	100%, 76%, 78%
CMY	0.0000, 0.2353, 0.2196
CMYK	0.00, 0.24, 0.22, 0.00
HSL	356°, 100%, 88%
HSV	356°, 24%, 100%
XYZ	71.0639, 64.4137, 62.7205
YIQ	213.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

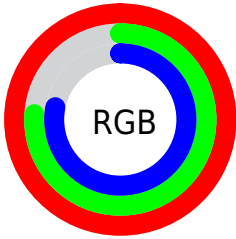
Format	Color
R _Y B	255, 195, 199
Decimal	16761799
CIE Lab	84.18, 22.00, 6.32
CIE LCh	84, 22.885, 16.019
Yxy	64.4137, 0.3585, 0.3250
Android (android.graphics.Color)	4294951879 (0xFFFFC3C7)
YUV	213.3960, -7.0972, 36.4867
Hunter-Lab	80.2581, 17.5996, 9.8465

Details

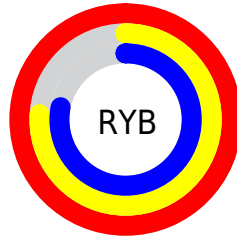
The XYZ color **71.0639, 64.4137, 62.7205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6806, 90.0883, 104.6706**, and the grayscale version is **63.5422, 66.8513, 72.8011**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **37.6617, 32.9644, 31.1658** is the 20% darker color. If you saturate the color by 10%, you get **63.2798, 52.9276, 47.5412**, and if you desaturate by 10%, it is **80.2590, 78.0296, 80.5042**.

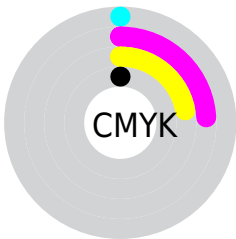
Distribution



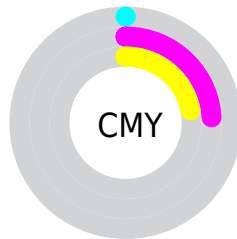
- Red (100%)
- Green (76%)
- Blue (78%)



- Red (100%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0639, 64.4137, 62.7205 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 71.0639, 64.4137, 62.7205 by changing the saturation by 10% instead.

71.0639, 64.4137,
62.7205

71.0639, 64.4137,
62.7205

453.4851,
440.6821, 452.6344

52.6771, 46.9858,
45.1756

119.7427,
111.2065, 110.3479

37.7715, 33.0245,
31.2518

150.7654,
141.3403, 141.2674

25.9818, 22.1452,
20.5306

186.7308,
176.4781, 177.4822

16.9426, 13.9636,
12.5934

228.0042,
217.0043, 219.4108

10.2886, 8.0954,
7.0218

274.9510,
263.3035, 267.4718

5.6545, 4.1560,
3.3971

327.9365,

2.6748, 1.7612,

315.7599, 322.0837

1.3008

387.3261,
374.7580, 383.6651

■ 0.9842, 0.4628,
0.0624

■ 0.0000, 0.0000,
0.0000

■ 71.0639, 64.4137,
62.7205

■ 71.0639, 64.4137,
62.7205

■ 63.2798, 52.9276,
47.5412

■ 80.2590, 78.0296,
80.5042

■ 56.8325, 43.4557,
34.8402

■ 90.9253, 93.8663,
101.0023

■ 51.6479, 35.8843,
24.4872

95.0500, 100.0000,
108.9000

■ 47.6431, 30.0851,
16.3379

■ 44.7251, 25.9138,
10.2325

■ 42.7867, 23.2038,
5.9895

■ 41.6989, 21.7522,
3.3952

■ 41.3410, 21.3004,
2.4620

Harmonies

Analogous

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



71.1629, 64.4137, 77.0886



71.0639, 64.4137, 62.7205



68.2345, 64.4137, 51.9276

Triad

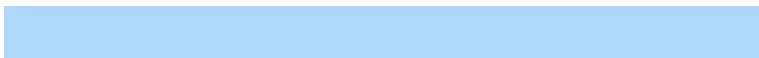
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0639, 64.4137, 62.7205



54.4828, 64.4137, 52.5036



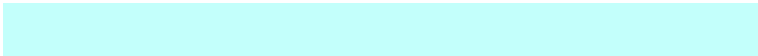
58.9016, 64.4137, 100.8139

Complementary

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



71.0639, 64.4137, 62.7205



75.6806, 90.0883, 104.6706

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.



54.7096, 64.4137, 92.1684



71.0639, 64.4137, 62.7205



52.2552, 64.4137, 63.6138

Square

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



71.0639, 64.4137, 62.7205



58.5762, 64.4137, 46.6082



52.3358, 64.4137, 78.1132



63.9489, 64.4137, 100.4874

Rectangle

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



71.0639, 64.4137, 62.7205



65.2653, 64.4137, 47.6237



52.3358, 64.4137, 78.1132



57.3517, 64.4137, 98.8142

Sweetspot

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



71.0655, 64.4166, 62.7218



87.0501, 88.1082, 93.5686



77.3503, 66.7623, 103.4173



18.4921, 18.6506, 19.7584



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.



71.0655, 64.4166, 62.7218



67.4129, 59.0212, 55.6170



76.9484, 76.9152, 62.4239



18.0584, 18.0067, 18.9248



21.6197, 11.1372, 1.3821



2.1214, 1.0909, 0.2207

Inverse Universe

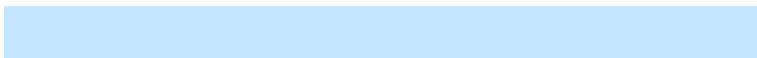
The Inverse Universe completely reimagines the original color for something new.



71.0655, 64.4166, 62.7218



67.4129, 59.0212, 55.6170



68.5773, 74.8630, 105.4433



18.0584, 18.0067, 18.9248



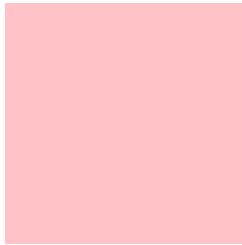
21.6197, 11.1372, 1.3821



2.1214, 1.0909, 0.2207

Previews

White Background



This preview shows how the XYZ color 71.0639, 64.4137, 62.7205 looks on a white background.

Color Contrast Check

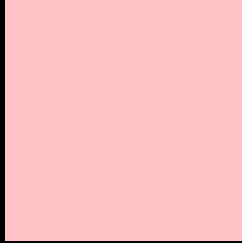
Large Text (above 18pt) WCAG AA × Fail

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 71.0639, 64.4137, 62.7205 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 71.0639, 64.4137, 62.7205

Background



This preview shows how black text looks on a background with the XYZ color 71.0639, 64.4137, 62.7205.



This preview shows how white text looks on a background with the XYZ color 71.0639, 64.4137,

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

71.0639, 64.4137, 62.7205

Protanopia

62.0873, 64.5530, 68.2191

Deuteranopia

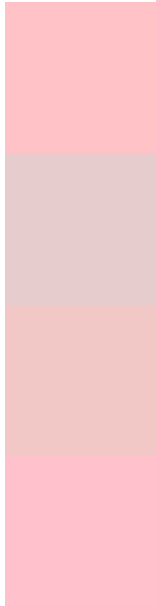
65.6949, 64.4053, 61.7923



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

71.0639, 64.4137, 62.7205

Protanomaly

65.1251, 64.3684, 66.1186

Deuteranomaly

67.4653, 64.2630, 62.2743

Tritanomaly

71.5512, 64.2514, 66.3882

Monochromacy



Original Color

71.0639, 64.4137, 62.7205

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.4514, 65.1907, 68.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0639, 64.4137, 62.7205 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(255, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 199)  
}
```

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(255, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 199) }
```

Border

The CSS property to change the border of an element to XYZ 71.0639, 64.4137, 62.7205 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(255, 195, 199) }
```


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

```
.border{ border-color:rgb(255, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0639, 64.4137, 62.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 199) }
```

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

```
.background{ background-color: rgb(255,  
195, 199) }
```

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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