

Converting Colors

XYZ(78.9830, 68.9857, 63.3744)

Have a look what the booklet for
XYZ(78.9830, 68.9857, 63.3744)
contains.

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Color

**XYZ(71.2887, 64.8634,
62.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4C7
RGB	255, 196, 199
RGB Percent	100%, 77%, 78%
CMY	0.0000, 0.2313, 0.2196
CMYK	0.00, 0.23, 0.22, 0.00
HSL	357°, 100%, 88%
HSV	357°, 23%, 100%
XYZ	71.2887, 64.8634, 62.7954
YIQ	213.9830, 34.2010, 13.4410

Conversions

Conversions Part 2

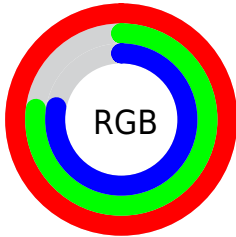
Format	Color
R _Y B	255, 196, 199
Decimal	16762055
CIE _{Lab}	84.41, 21.47, 6.65
CIE _{LCh}	84, 22.478, 17.208
Y _{xy}	64.8634, 0.3583, 0.3260
Android (android.graphics.Color)	4294952135 (0xFFFFC4C7)
Y _{UV}	213.9830, -7.3866, 35.9719
Hunter-Lab	80.5378, 17.0595, 10.1480

Details

The XYZ color **71.2887, 64.8634, 62.7954** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0981, 90.2852, 105.5156**, and the grayscale version is **63.9385, 67.2683, 73.2552**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **37.8098, 33.2607, 31.2152** is the 20% darker color. If you saturate the color by 10%, you get **63.4277, 53.2868, 47.3949**, and if you desaturate by 10%, it is **80.5775, 78.5796, 80.8788**.

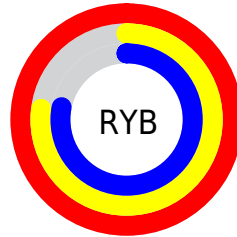
Distribution



Red (100%)

Green (77%)

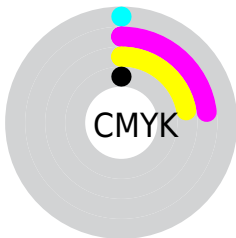
Blue (78%)



Red (100%)

Yellow (77%)

Blue (78%)

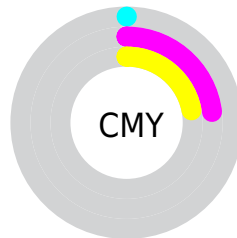


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2887, 64.8634, 62.7954 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 71.2887, 64.8634, 62.7954 by changing the saturation by 10% instead.


 71.2887, 64.8634,
62.7954

 71.2887, 64.8634,
62.7954


454.2582,
442.3009, 452.9141

 52.8612, 47.3503,
45.2358


120.0610,
111.8534, 110.4570

 37.9190, 33.3127,
31.2989

151.1365,
142.0992, 141.3961

 26.0968, 22.3661,
20.5662


187.1587,
177.3580, 177.6320

 17.0291, 14.1261,
12.6191

228.4931,
218.0142, 219.5834

 10.3507, 8.2085,
7.0392

275.5048,
264.4522, 267.6688

 5.6961, 4.2286,
3.4078

328.5593,

 2.7001, 1.8023,

317.0564, 322.3066

1.3064

388.0220,
376.2111, 383.9155

■ 0.9972, 0.4886,
0.0671

■ 0.0000, 0.0000,
0.0000

■ 71.2887, 64.8634,
62.7954

■ 71.2887, 64.8634,
62.7954

■ 63.4277, 53.2868,
47.3949

■ 80.5775, 78.5796,
80.8788

■ 56.9191, 43.7338,
34.5457

■ 91.3549, 94.5263,
101.7600

■ 51.6881, 36.0908,
24.1112

95.0500, 100.0000,
108.9000

■ 47.6505, 30.2294,
15.9406

■ 44.7121, 26.0055,
9.8659

■ 42.7645, 23.2524,
5.6959

■ 41.6772, 21.7683,
3.2043

■ 41.3123, 21.2889,
2.3107

Harmonies

Analogous

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



71.5000, 64.8634, 76.8926



71.2887, 64.8634, 62.7954



68.4088, 64.8634, 52.3007

Triad

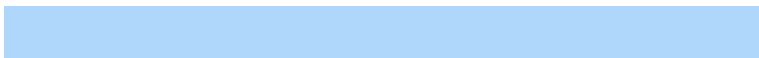
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2887, 64.8634, 62.7954



54.8673, 64.8634, 53.5374



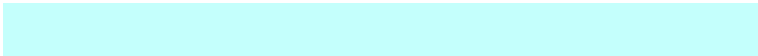
59.5484, 64.8634, 100.9911

Complementary

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



71.2887, 64.8634, 62.7954



76.0981, 90.2852, 105.5156

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.



55.3530, 64.8634, 92.7964



71.2887, 64.8634, 62.7954



52.7502, 64.8634, 64.7080

Square

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



71.2887, 64.8634, 62.7954



58.8525, 64.8634, 47.4721



52.9231, 64.8634, 79.0802



64.5363, 64.8634, 100.2962

Rectangle

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



71.2887, 64.8634, 62.7954



65.4470, 64.8634, 48.1788



52.9231, 64.8634, 79.0802



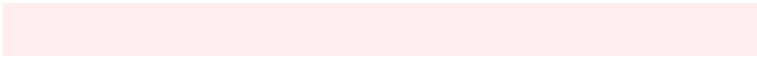
58.0042, 64.8634, 99.1428

Sweetspot

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



71.2903, 64.8663, 62.7967



87.0085, 88.0916, 93.3498



77.5992, 67.2244, 103.4934



18.4826, 18.6468, 19.7079



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

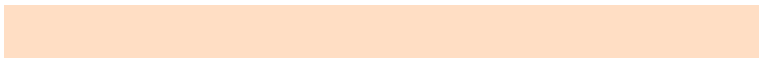
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2903, 64.8663, 62.7967



67.2913, 58.9725, 54.9762



77.2118, 77.2604, 63.0716



18.0467, 18.0020, 18.8634



21.6020, 11.1301, 1.2886



2.1159, 1.0887, 0.1916

Inverse Universe

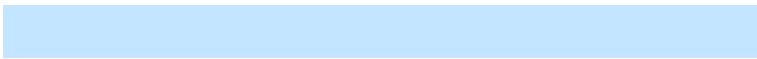
The Inverse Universe completely reimagines the original color for something new.



71.2903, 64.8663, 62.7967



67.2913, 58.9725, 54.9762



68.9567, 75.2369, 105.4955



18.0467, 18.0020, 18.8634



21.6020, 11.1301, 1.2886



2.1159, 1.0887, 0.1916

Previews

White Background



This preview shows how the XYZ color 71.2887, 64.8634, 62.7954 looks on a white background.

Color Contrast Check

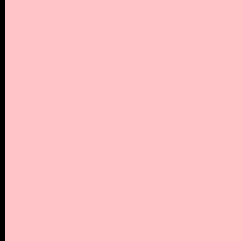
Large Text (above 18pt) WCAG AA × Fail

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 71.2887, 64.8634, 62.7954 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 71.2887, 64.8634, 62.7954

Background



This preview shows how black text looks on a background with the XYZ color 71.2887, 64.8634, 62.7954.



This preview shows how white text looks on a background with the XYZ color 71.2887, 64.8634,

62.7954.

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

71.2887, 64.8634, 62.7954

Protanopia

62.6280, 65.1971, 68.3149

Deuteranopia

66.3780, 65.0958, 62.4923



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

71.2887, 64.8634, 62.7954

Protanomaly

65.3635, 64.8453, 66.1981

Deuteranomaly

68.0418, 64.9052, 62.3678

Tritanomaly

71.7746, 64.6980, 66.4626

Monochromacy



Original Color

71.2887, 64.8634, 62.7954

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.1345, 65.8871, 69.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2887, 64.8634, 62.7954 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, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 199) }
```

Border

The CSS property to change the border of an element to XYZ 71.2887, 64.8634, 62.7954 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, 196, 199) }
```


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

```
.border{ border-color:rgb(255, 196, 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, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2887, 64.8634, 62.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 199) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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