

Converting Colors

XYZ(71.0488, 64.3034, 65.9998)

Have a look what the booklet for
XYZ(71.0488, 64.3034, 65.9998)
contains.

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Color

**XYZ(70.9222, 64.2725,
65.7946)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC3CC
RGB	253, 195, 204
RGB Percent	99%, 76%, 80%
CMY	0.0078, 0.2353, 0.2000
CMYK	0.00, 0.23, 0.19, 0.01
HSL	351°, 94%, 88%
HSV	351°, 23%, 99%
XYZ	70.9222, 64.2725, 65.7946
YIQ	213.3680, 31.6790, 15.0950

Conversions

Conversions Part 2

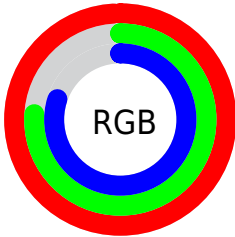
Format	Color
R _Y B	253, 195, 204
Decimal	16630732
CIE Lab	84.11, 22.01, 3.51
CIE LCh	84, 22.289, 9.069
Yxy	64.2725, 0.3529, 0.3198
Android (android.graphics.Color)	4294820812 (0xFFFD3CC)
YUV	213.3680, -4.6184, 34.7573
Hunter-Lab	80.1701, 17.6116, 7.4605

Details

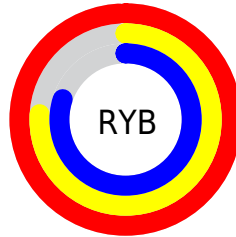
The XYZ color **70.9222, 64.2725, 65.7946** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9627, 88.3859, 98.7542**, and the grayscale version is **63.5088, 66.8162, 72.7628**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **37.7948, 32.9875, 33.2294** is the 20% darker color. If you saturate the color by 10%, you get **63.3362, 52.9255, 51.4731**, and if you desaturate by 10%, it is **79.8240, 77.6869, 82.2922**.

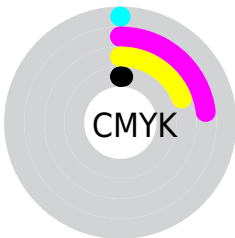
Distribution



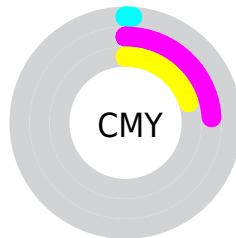
- Red (99%)
- Green (76%)
- Blue (80%)



- Red (99%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9222, 64.2725, 65.7946 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 70.9222, 64.2725, 65.7946 by changing the saturation by 10% instead.


 70.9222, 64.2725,
65.7946

 70.9222, 64.2725,
65.7946


452.9975,
440.1730, 464.0261

 52.5610, 46.8714,
47.6503


 119.5421,
111.0033, 114.8157

 37.6785, 32.9340,
33.1920


150.5314,
141.1018, 146.5295

 25.9094, 22.0759,
22.0012

186.4609,
176.2015, 183.6035

 16.8882, 13.9127,
13.6595

227.6959,
216.6869, 226.4563

 10.2496, 8.0600,
7.7482

274.6017,
262.9424, 275.5064

 5.6283, 4.1333,
3.8488

327.5436,

 2.6589, 1.7484,

315.3523, 331.1724

1.5428

386.8871,
374.3010, 393.8728

■ 0.9761, 0.4547,
0.2495

■ 0.0000, 0.0000,
0.0000

■ 70.9222, 64.2725,
65.7946

■ 70.9222, 64.2725,
65.7946

■ 63.3362, 52.9255,
51.4731

■ 79.8240, 77.6869,
82.2922

■ 56.9982, 43.5345,
39.2326

■ 90.0948, 93.2552,
101.0477

■ 51.8420, 35.9914,
28.9768

■ 94.3182, 99.6228,
108.8658

■ 47.7934, 30.1736,
20.6002

■ 44.7695, 25.9438,
13.9871

■ 42.6753, 23.1438,
9.0092

■ 41.3976, 21.5822,
5.5197

■ 40.8785, 21.0309,
3.8453

Harmonies

Analogous

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



70.3644, 64.2725, 80.1207



70.9222, 64.2725, 65.7946



68.7374, 64.2725, 54.2475

Triad

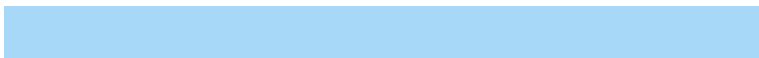
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9222, 64.2725, 65.7946



55.3148, 64.2725, 50.9728



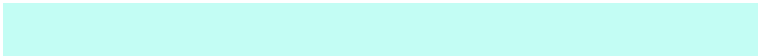
57.7693, 64.2725, 98.4813

Complementary

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



70.9222, 64.2725, 65.7946



73.9627, 88.3859, 98.7542

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.



54.0302, 64.2725, 88.4976



70.9222, 64.2725, 65.7946



52.6669, 64.2725, 60.7366

Square

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



70.9222, 64.2725, 65.7946



59.6090, 64.2725, 46.4783



52.2096, 64.2725, 74.3430



62.5935, 64.2725, 100.3135

Rectangle

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



70.9222, 64.2725, 65.7946



66.0852, 64.2725, 49.2069



52.2096, 64.2725, 74.3430



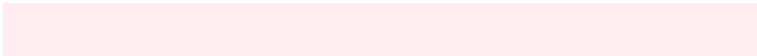
56.3513, 64.2725, 95.9090

Sweetspot

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



70.9240, 64.2754, 65.7959



87.2837, 88.2017, 94.7990



74.3240, 65.2392, 101.6041



18.5461, 18.6722, 20.0423



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

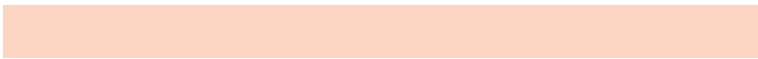
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9240, 64.2754, 65.7959



68.1111, 59.3004, 59.2933



74.4914, 73.0874, 61.8146



18.1242, 18.0330, 19.2712



21.7789, 11.2008, 2.2200



2.1523, 1.1033, 0.3835

Inverse Universe

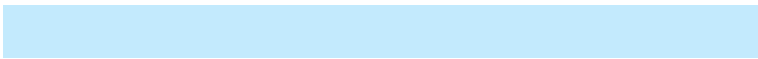
The Inverse Universe completely reimagines the original color for something new.



70.9240, 64.2754, 65.7959



68.1111, 59.3004, 59.2933



69.5657, 77.3522, 104.1930



18.1242, 18.0330, 19.2712



21.7789, 11.2008, 2.2200



2.1523, 1.1033, 0.3835

Previews

White Background



This preview shows how the XYZ color 70.9222, 64.2725, 65.7946 looks on a white background.

Color Contrast Check

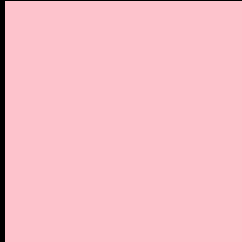
Large Text (above 18pt) WCAG AA × Fail

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 70.9222, 64.2725, 65.7946 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 70.9222, 64.2725, 65.7946

Background



This preview shows how black text looks on a background with the XYZ color 70.9222, 64.2725, 65.7946.



This preview shows how white text looks on a background with the XYZ color 70.9222, 64.2725,

65.7946.

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

70.9222, 64.2725, 65.7946

Protanopia

62.1247, 64.5005, 71.4629

Deuteranopia

65.6209, 64.2998, 64.8296



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

70.9222, 64.2725, 65.7946

Protanomaly

65.0964, 64.2832, 69.2985

Deuteranomaly

67.3689, 64.1456, 65.3305

Tritanomaly

71.4273, 64.1594, 67.6509

Monochromacy



Original Color

70.9222, 64.2725, 65.7946

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.6991, 65.2897, 70.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9222, 64.2725, 65.7946 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(253, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 195, 204)  
}
```

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(253, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 70.9222, 64.2725, 65.7946 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(253, 195, 204) }
```


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

```
.border{ border-color:rgb(253, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9222, 64.2725, 65.7946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 195, 204) }
```

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

```
.background{ background-color: rgb(253,  
195, 204) }
```

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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