

Converting Colors

XYZ(70.2925, 64.6588, 64.0339)

Have a look what the booklet for
XYZ(70.2925, 64.6588, 64.0339)
contains.

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Color

**XYZ(70.2925, 64.6588,
64.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC5C9
RGB	251, 197, 201
RGB Percent	98%, 77%, 79%
CMY	0.0157, 0.2274, 0.2118
CMYK	0.00, 0.22, 0.20, 0.02
HSL	356°, 87%, 88%
HSV	356°, 22%, 98%
XYZ	70.2925, 64.6588, 64.0339
YIQ	213.6020, 30.9000, 12.6920

Conversions

Conversions Part 2

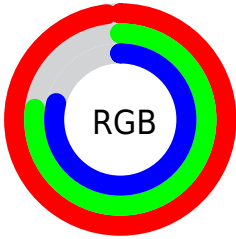
Format	Color
R _Y B	251, 197, 201
Decimal	16500169
CIE _{Lab}	84.31, 19.80, 5.38
CIE _{LCh}	84, 20.519, 15.202
Yxy	64.6588, 0.3533, 0.3249
Android (android.graphics.Color)	4294690249 (0xFFFB _{C5C9})
YUV	213.6020, -6.2128, 32.7980
Hunter-Lab	80.4107, 15.3204, 9.0727

Details

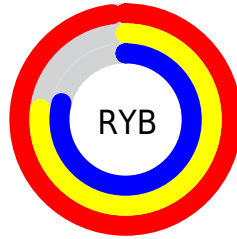
The XYZ color **70.2925, 64.6588, 64.0339** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3142, 87.5816, 100.9882**, and the grayscale version is **63.6765, 66.9926, 72.9549**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.3371, 33.2208, 32.0481** is the 20% darker color. If you saturate the color by 10%, you get **62.5302, 53.1833, 48.9622**, and if you desaturate by 10%, it is **79.4211, 78.2034, 81.6036**.

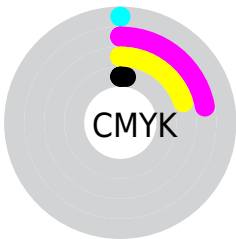
Distribution



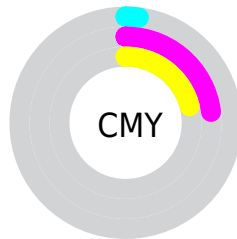
- Red (98%)
- Green (77%)
- Blue (79%)



- Red (98%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2925, 64.6588, 64.0339 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 70.2925, 64.6588, 64.0339 by changing the saturation by 10% instead.

 70.2925, 64.6588,
64.0339

 70.2925, 64.6588,
64.0339


450.8268,
441.5648, 457.5229

 52.0455, 47.1845,
46.2318


118.6498,
111.5592, 112.2597

 37.2657, 33.1815,
32.0788


149.4908,
141.7540, 143.5204

 25.5879, 22.2655,
21.1564


185.2604,
176.9578, 180.1045

 16.6467, 14.0521,
13.0460

226.3242,
217.5549, 222.4303

 10.0766, 8.1569,
7.3291

273.0473,
263.9298, 270.9166

 5.5125, 4.1955,
3.5872

325.7952,

 2.5888, 1.7835,

316.4668, 325.9817

1.4017

384.9333,
375.5504, 388.0443

■ 0.9402, 0.4769,
0.1431

■ 0.0000, 0.0000,
0.0000

■ 70.2925, 64.6588,
64.0339

■ 70.2925, 64.6588,
64.0339

■ 62.5302, 53.1833,
48.9622

■ 79.4211, 78.2034,
81.6036

■ 56.0632, 43.6668,
36.2712

■ 89.9715, 93.9026,
101.7733

■ 50.8226, 36.0024,
25.8403

■ 93.5938, 99.2493,
108.8319

■ 46.7306, 30.0694,
17.5367

■ 43.7006, 25.7329,
11.2137

■ 41.6338, 22.8380,
6.7060

■ 40.4124, 21.1989,
3.8211

■ 39.8978, 20.5549,
2.4618

Harmonies

Analogous

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



70.3099, 64.6588, 76.9988



70.2925, 64.6588, 64.0339



67.8300, 64.6588, 54.0759

Triad

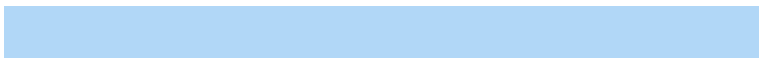
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2925, 64.6588, 64.0339



55.4542, 64.6588, 54.1806



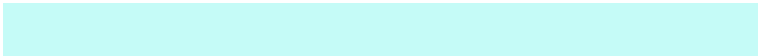
59.2484, 64.6588, 97.5155

Complementary

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



70.2925, 64.6588, 64.0339



74.3142, 87.5816, 100.9882

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.



55.4949, 64.6588, 89.7230



70.2925, 64.6588, 64.0339



53.3789, 64.6588, 64.1940

Square

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



70.2925, 64.6588, 64.0339



59.1903, 64.6588, 48.8835



53.3934, 64.6588, 77.1798



63.7793, 64.6588, 97.4588

Rectangle

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



70.2925, 64.6588, 64.0339



65.1997, 64.6588, 50.0164



53.3934, 64.6588, 77.1798



57.8589, 64.6588, 95.6886

Sweetspot

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



70.2943, 64.6618, 64.0352



88.1639, 89.7445, 95.7633



75.5623, 66.5839, 100.1366



18.7173, 18.9808, 20.2041



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

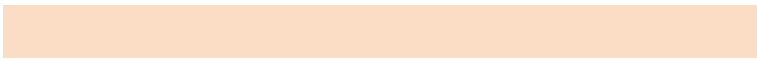
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2943, 64.6618, 64.0352



69.0665, 61.4036, 59.0189



75.3258, 75.4672, 63.4236



17.2967, 17.2460, 18.1522



20.9909, 10.8121, 1.3947



1.9616, 1.0084, 0.2213

Inverse Universe

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



70.2943, 64.6618, 64.0352



69.0665, 61.4036, 59.0189



68.3222, 74.6001, 102.0655



17.2967, 17.2460, 18.1522



20.9909, 10.8121, 1.3947



1.9616, 1.0084, 0.2213

Previews

White Background



This preview shows how the XYZ color 70.2925, 64.6588, 64.0339 looks on a white background.

Color Contrast Check

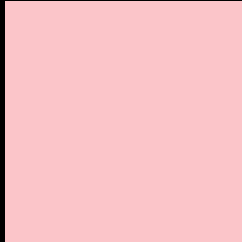
Large Text (above 18pt) WCAG AA × Fail

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 70.2925, 64.6588, 64.0339 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 70.2925, 64.6588, 64.0339

Background



This preview shows how black text looks on a background with the XYZ color 70.2925, 64.6588, 64.0339.



This preview shows how white text looks on a background with the XYZ color 70.2925, 64.6588,

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

70.2925, 64.6588, 64.0339

Protanopia

62.4561, 65.0943, 68.9472

Deuteranopia

66.0422, 64.5442, 63.6211



Tritanopia

71.4179, 64.4288, 70.2999

Trichromacy



Original Color

70.2925, 64.6588, 64.0339

Protanomaly

64.8457, 64.5644, 66.8020

Deuteranomaly

67.5876, 64.6442, 63.5589

Tritanomaly

71.1473, 64.6803, 67.7662

Monochromacy



Original Color

70.2925, 64.6588, 64.0339

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.7431, 66.0461, 69.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2925, 64.6588, 64.0339 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(251, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 201)  
}
```

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(251, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 201) }
```

Border

The CSS property to change the border of an element to XYZ 70.2925, 64.6588, 64.0339 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(251, 197, 201) }
```


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

```
.border{ border-color:rgb(251, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2925, 64.6588, 64.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 201) }
```

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

```
.background{ background-color: rgb(251,  
197, 201) }
```

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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