

Converting Colors

XYZ(69.8704, 64.4215, 62.0033)

Have a look what the booklet for
XYZ(69.8704, 64.4215, 62.0033)
contains.

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Color

**XYZ(69.9430, 64.5190,
62.1931)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBC5C6 |
| RGB | 251, 197, 198 |
| RGB Percent | 98%, 77%, 78% |
| CMY | 0.0157, 0.2274, 0.2235 |
| CMYK | 0.00, 0.22, 0.21, 0.02 |
| HSL | 359°, 87%, 88% |
| HSV | 359°, 22%, 98% |
| XYZ | 69.9430, 64.5190, 62.1931 |
| YIQ | 213.2600, 31.8630, 11.7590 |

Conversions

Conversions Part 2

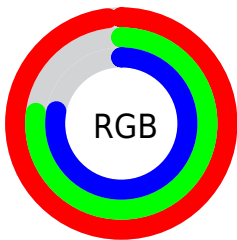
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 251, 197, 198 |
| Decimal | 16500166 |
| CIE Lab | 84.24, 19.36, 6.88 |
| CIE LCh | 84, 20.547, 19.554 |
| Yxy | 64.5190, 0.3557, 0.3281 |
| Android (android.graphics.Color) | 4294690246 (0xFFFB5C6) |
| YUV | 213.2600, -7.5232, 33.0980 |
| Hunter-Lab | 80.3237, 14.8649, 10.3195 |

Details

The XYZ color **69.9430, 64.5190, 62.1931** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7811, 87.7684, 103.4466**, and the grayscale version is **63.4552, 66.7598, 72.7015**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.1046, 33.1279, 30.8242** is the 20% darker color. If you saturate the color by 10%, you get **62.0967, 53.0099, 46.6792**, and if you desaturate by 10%, it is **79.2040, 78.1166, 80.4605**.

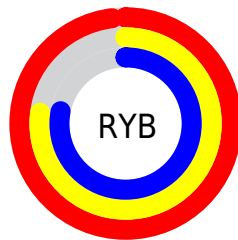
Distribution



Red (98%)

Green (77%)

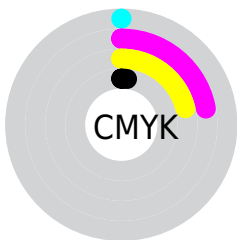
Blue (78%)



Red (98%)

Yellow (77%)

Blue (78%)

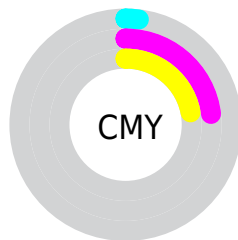


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (2%)



Cyan (2%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9430, 64.5190, 62.1931 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 69.9430, 64.5190, 62.1931 by changing the saturation by 10% instead.

69.9430, 64.5190,
62.1931

69.9430, 64.5190,
62.1931

449.6194,
441.0614, 450.6622

51.7595, 47.0712,
44.7519

118.1542,
111.3580, 109.5789

37.0369, 33.0919,
30.9206

148.9126,
141.5180, 140.3606

25.4099, 22.1969,
20.2804

184.5933,
176.6842, 176.4262

16.5130, 14.0016,
12.4129

225.5617,
217.2409, 218.1943

9.9811, 8.1218,
6.8996

272.1832,
263.5726, 266.0834

5.4486, 4.1730,
3.3219

324.8230,

2.5502, 1.7708,

316.0637, 320.5121

1.2613

383.8466,
375.0985, 381.8988

■ 0.9207, 0.4689,
0.0297

■ 0.0000, 0.0000,
0.0000

■ 69.9430, 64.5190,
62.1931

■ 69.9430, 64.5190,
62.1931

■ 62.0967, 53.0099,
46.6792

■ 79.2040, 78.1166,
80.4605

■ 55.5905, 43.4777,
33.7815

■ 89.9390, 93.8896,
101.6016

■ 50.3511, 35.8138,
23.3573

■ 93.5939, 99.2494,
108.8319

■ 46.2961, 29.8956,
15.2483

■ 43.3331, 25.5859,
9.2780

■ 41.3564, 22.7270,
5.2447

■ 40.2391, 21.1295,
2.9081

■ 39.8092, 20.5195,
1.9953

Harmonies

Analogous

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



70.3363, 64.5190, 74.8920



69.9430, 64.5190, 62.1931



67.1762, 64.5190, 52.8547

Triad

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



69.9430, 64.5190, 62.1931



54.9032, 64.5190, 55.2164



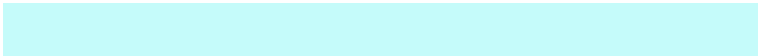
59.7507, 64.5190, 97.8855

Complementary

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



69.9430, 64.5190, 62.1931



74.7811, 87.7684, 103.4466

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.



55.8208, 64.5190, 91.0965



69.9430, 64.5190, 62.1931



53.1153, 64.5190, 65.8043

Square

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



69.9430, 64.5190, 62.1931



58.4414, 64.5190, 49.1849



53.4427, 64.5190, 78.9748



64.2985, 64.5190, 96.6064

Rectangle

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



69.9430, 64.5190, 62.1931



64.4308, 64.5190, 49.2902



53.4427, 64.5190, 78.9748



58.3175, 64.5190, 96.4415

Sweetspot

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



69.9448, 64.5220, 62.1944



88.0373, 89.6939, 95.0966



76.5189, 67.0771, 100.1815



18.6876, 18.9689, 20.0473



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.



69.9448, 64.5220, 62.1944



68.6589, 61.2406, 56.8724



76.0380, 76.8916, 63.6610



17.2576, 17.2304, 17.9463



20.9310, 10.7881, 1.0790



1.9430, 1.0009, 0.1232

Inverse Universe

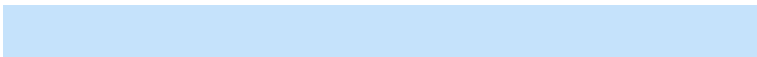
The Inverse Universe completely reimagines the original color for something new.



69.9448, 64.5220, 62.1944



68.6589, 61.2406, 56.8724



67.5832, 73.1220, 101.8193



17.2576, 17.2304, 17.9463



20.9310, 10.7881, 1.0790



1.9430, 1.0009, 0.1232

Previews

White Background



This preview shows how the XYZ color 69.9430, 64.5190, 62.1931 looks on a white background.

Color Contrast Check

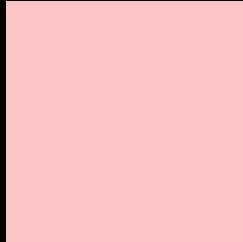
Large Text (above 18pt) WCAG AA × Fail

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 69.9430, 64.5190, 62.1931 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 69.9430, 64.5190, 62.1931

Background



This preview shows how black text looks on a background with the XYZ color 69.9430, 64.5190, 62.1931.



This preview shows how white text looks on a background with the XYZ color 69.9430, 64.5190,

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

69.9430, 64.5190, 62.1931

Protanopia

62.0904, 64.9480, 67.0213

Deuteranopia

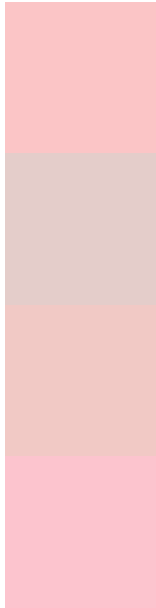
66.0261, 64.5760, 61.8078



Tritanopia

71.2928, 64.3788, 69.6416

Trichromacy



Original Color

69.9430, 64.5190, 62.1931

Protanomaly

64.4869, 64.4209, 64.9128

Deuteranomaly

67.2403, 64.5053, 61.7301

Tritanomaly

71.0254, 64.6315, 67.1242

Monochromacy



Original Color

69.9430, 64.5190, 62.1931

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.3765, 65.5106, 68.8736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9430, 64.5190, 62.1931 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, 198) looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 69.9430, 64.5190, 62.1931 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, 198) }
```


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

```
.border{ border-color:rgb(251, 197, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9430, 64.5190, 62.1931 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, 198) }
```

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

```
.background{ background-color: rgb(251,  
197, 198) }
```

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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