

Converting Colors

XYZ(69.0481, 64.5322, 57.8474)

Have a look what the booklet for
XYZ(69.0481, 64.5322, 57.8474)
contains.

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Color

**XYZ(69.0224, 64.4737,
58.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC6BF
RGB	250, 198, 191
RGB Percent	98%, 78%, 75%
CMY	0.0196, 0.2235, 0.2510
CMYK	0.00, 0.21, 0.24, 0.02
HSL	7°, 86%, 86%
HSV	7°, 24%, 98%
XYZ	69.0224, 64.4737, 58.0970
YIQ	212.7500, 33.2390, 8.8470

Conversions

Conversions Part 2

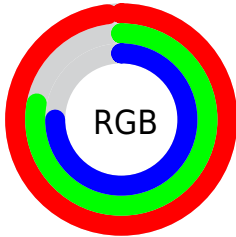
Format	Color
R _Y B	250, 199, 191
Decimal	16434879
CIE Lab	84.21, 17.47, 10.56
CIE LCh	84, 20.418, 31.152
Yxy	64.4737, 0.3603, 0.3365
Android (android.graphics.Color)	4294624959 (0xFFFA C6BF)
YUV	212.7500, -10.7227, 32.6683
Hunter-Lab	80.2955, 12.9223, 13.3082

Details

The XYZ color **69.0224, 64.4737, 58.0970** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7910, 82.0775, 102.5544**, and the grayscale version is **63.1341, 66.4219, 72.3335**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **36.5530, 33.1190, 28.5108** is the 20% darker color. If you saturate the color by 10%, you get **61.8279, 54.1178, 43.2642**, and if you desaturate by 10%, it is **77.4226, 76.4884, 75.6499**.

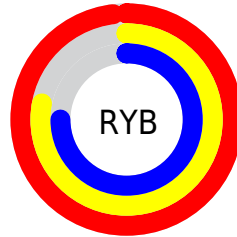
Distribution



Red (98%)

Green (78%)

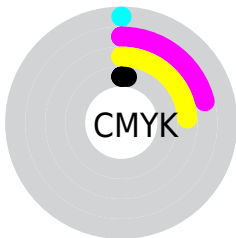
Blue (75%)



Red (98%)

Yellow (78%)

Blue (75%)

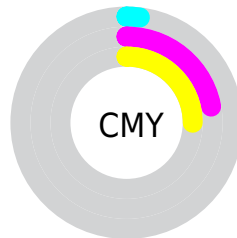


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0224, 64.4737, 58.0970 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 69.0224, 64.4737, 58.0970 by changing the saturation by 10% instead.


 69.0224, 64.4737,
58.0970

 69.0224, 64.4737,
58.0970


446.4301,
440.8983, 435.1556

 51.0067, 47.0344,
41.4714


 116.8475,
111.2929, 103.5803

 36.4350, 33.0629,
28.3652

147.3875,
141.4416, 133.2750

 24.9420, 22.1746,
18.3597


182.8330,
176.5955, 168.1633

 16.1623, 13.9853,
11.0364

223.5493,
217.1392, 208.6636

 9.7307, 8.1104,
5.9769

269.9019,
263.4569, 255.1944

 5.2816, 4.1657,
2.7624

322.2559,

 2.4499, 1.7667,

315.9330, 308.1743

0.9747

380.9769,
374.9520, 368.0219

■ 0.8701, 0.4663,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0224, 64.4737,
58.0970

■ 69.0224, 64.4737,
58.0970

■ 61.8279, 54.1178,
43.2642

■ 77.4226, 76.4884,
75.6499

■ 55.7784, 45.3393,
31.0113

■ 87.0749, 90.2210,
96.0454

■ 50.8161, 38.0632,
21.1920

■ 93.2346, 99.0641,
108.8150

■ 46.8757, 32.2050,
13.6434

■ 43.8851, 27.6717,
8.1826

■ 41.7622, 24.3590,
4.5986

■ 40.4107, 22.1467,
2.6351

■ 39.8808, 21.2366,
1.9971

Harmonies

Analogous

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



70.3860, 64.4737, 69.7018



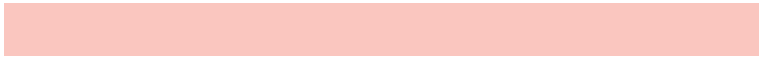
69.0224, 64.4737, 58.0970



65.5697, 64.4737, 50.5798

Triad

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



69.0224, 64.4737, 58.0970



53.9793, 64.4737, 58.8642



61.4552, 64.4737, 98.1401

Complementary

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



69.0224, 64.4737, 58.0970



70.7910, 82.0775, 102.5544

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.



57.1822, 64.4737, 94.3351



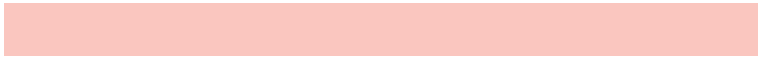
69.0224, 64.4737, 58.0970



52.9959, 64.4737, 70.7024

Square

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



69.0224, 64.4737, 58.0970



56.8938, 64.4737, 50.9829



54.1400, 64.4737, 83.8790



65.8867, 64.4737, 93.7271

Rectangle

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



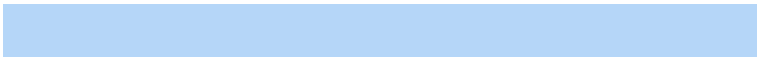
69.0224, 64.4737, 58.0970



62.6268, 64.4737, 48.3686



54.1400, 64.4737, 83.8790



59.9533, 64.4737, 97.7765

Sweetspot

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



69.0241, 64.4767, 58.0983



87.4934, 89.2740, 92.8559



74.2511, 64.0645, 93.3392



18.5944, 18.9195, 19.5940



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.



69.0241, 64.4767, 58.0983



68.7164, 62.4370, 53.5577



76.4030, 79.2344, 60.5579



17.4106, 17.5570, 17.9336



21.2066, 11.3698, 1.0769



2.0157, 1.1562, 0.1169

Inverse Universe

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



70.7910, 82.0775, 102.5544



70.8366, 83.5913, 107.0090



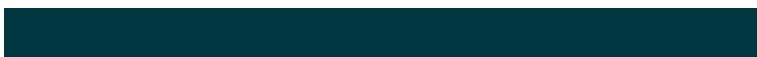
62.6916, 65.8786, 99.8546



17.5796, 19.2360, 22.1717



22.8430, 31.0416, 52.7612



2.1638, 2.9713, 4.9026

Previews

White Background



This preview shows how the XYZ color 69.0224, 64.4737, 58.0970 looks on a white background.

Color Contrast Check

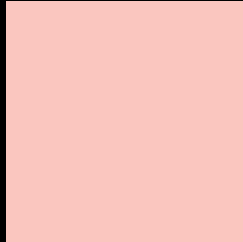
Large Text (above 18pt) WCAG AA × Fail

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 69.0224, 64.4737, 58.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

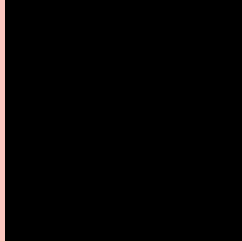
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0224, 64.4737, 58.0970

Background



This preview shows how black text looks on a background with the XYZ color 69.0224, 64.4737, 58.0970.

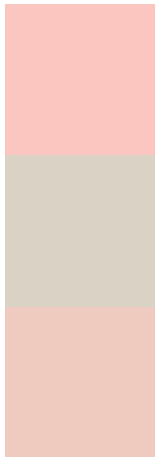


This preview shows how white text looks on a background with the XYZ color 69.0224, 64.4737,

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

69.0224, 64.4737, 58.0970

Protanopia

61.7399, 64.8761, 62.0916

Deuteranopia

65.9101, 64.6067, 57.7117



Tritanopia

71.2928, 64.3788, 69.6416

Trichromacy



Original Color

69.0224, 64.4737, 58.0970

Protanomaly

64.2347, 64.7408, 60.7404

Deuteranomaly

66.7989, 64.3682, 57.6188

Tritanomaly

70.3031, 64.3009, 65.2059

Monochromacy



Original Color

69.0224, 64.4737, 58.0970

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9394, 65.6883, 67.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0224, 64.4737, 58.0970 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(250, 198, 191)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 191)  
}
```

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(250, 198, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 191) }
```

Border

The CSS property to change the border of an element to XYZ 69.0224, 64.4737, 58.0970 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(250, 198, 191) }
```


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

```
.border{ border-color:rgb(250, 198, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 198, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 191);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0224, 64.4737, 58.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 191) }
```

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

```
.background{ background-color: rgb(250,  
198, 191) }
```

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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