

Converting Colors

XYZ(69.1836, 67.9282, 48.4948)

Have a look what the booklet for
XYZ(69.1836, 67.9282, 48.4948)
contains.

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Color

**XYZ(69.1836, 67.9282,
48.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	FACFAC
RGB	250, 207, 172
RGB Percent	98%, 81%, 67%
CMY	0.0196, 0.1882, 0.3255
CMYK	0.00, 0.17, 0.31, 0.02
HSL	27°, 89%, 83%
HSV	27°, 31%, 98%
XYZ	69.1836, 67.9282, 48.4948
YIQ	215.8670, 36.8630, -1.7690

Conversions

Conversions Part 2

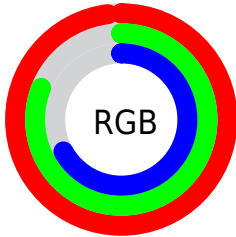
Format	Color
R _Y B	250, 235, 172
Decimal	16437164
CIE Lab	85.97, 10.24, 23.08
CIE LCh	86, 25.246, 66.064
Yxy	67.9282, 0.3727, 0.3660
Android (android.graphics.Color)	4294627244 (0xFFFACFAC)
YUV	215.8670, -21.6264, 29.9346
Hunter-Lab	82.4186, 5.6036, 22.8070

Details

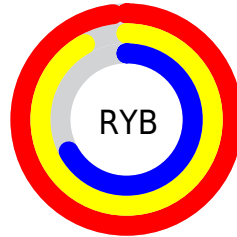
The XYZ color **69.1836, 67.9282, 48.4948** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.5684, 64.2718, 99.7616**, and the grayscale version is **65.3062, 68.7072, 74.8221**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **36.5196, 35.3450, 22.6668** is the 20% darker color. If you saturate the color by 10%, you get **63.8110, 60.6705, 35.9518**, and if you desaturate by 10%, it is **75.3029, 75.9557, 63.5164**.

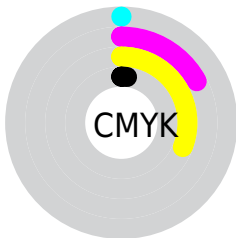
Distribution



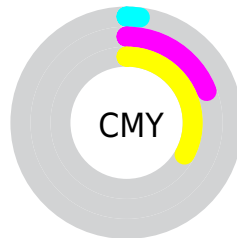
- Red (98%)
- Green (81%)
- Blue (67%)



- Red (98%)
- Yellow (92%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1836, 67.9282, 48.4948 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 69.1836, 67.9282, 48.4948 by changing the saturation by 10% instead.


 69.1836, 67.9282,
48.4948

 69.1836, 67.9282,
48.4948


446.9895,
453.2416, 397.3152

 51.1384, 49.8393,
33.8561


 117.0764,
116.2494, 89.3139

 36.5403, 35.2857,
22.5066


147.6548,
147.2506, 116.3313

 25.0238, 23.8831,
14.0278


183.1415,
183.3246, 148.3121

 16.2236, 15.2469,
8.0010

223.9021,
224.8559, 185.6748

 9.7744, 8.9929,
4.0078

270.3019,
272.2288, 228.8379

 5.3107, 4.7365,
1.6296

322.7061,

 2.4673, 2.0935,

325.8278, 278.2200

0.3118

381.4802,
386.0373, 334.2396

■ 0.8788, 0.6610,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1836, 67.9282,
48.4948

■ 69.1836, 67.9282,
48.4948

■ 63.8110, 60.6705,
35.9518

■ 75.3029, 75.9557,
63.5164

■ 59.1469, 54.1483,
25.7472

■ 82.1941, 84.7671,
81.1381

■ 55.1576, 48.3379,
17.7327

■ 89.8876, 94.3883,
101.4783

■ 51.8037, 43.2110,
11.7414

■ 93.2345, 99.0641,
108.8150

■ 49.0410, 38.7361,
7.5816

■ 46.8176, 34.8786,
5.0238

■ 45.2403, 31.9557,
3.7836

Harmonies

Analogous

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



73.9813, 67.9282, 56.7460



69.1836, 67.9282, 48.4948



63.3956, 67.9282, 46.5868

Triad

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



69.1836, 67.9282, 48.4948



54.1203, 67.9282, 77.3794



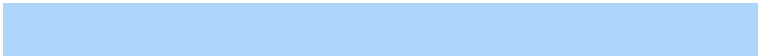
71.3371, 67.9282, 102.8245

Complementary

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



69.1836, 67.9282, 48.4948



58.5684, 64.2718, 99.7616

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.



65.7461, 67.9282, 110.3866



69.1836, 67.9282, 48.4948



55.9813, 67.9282, 94.3498

Square

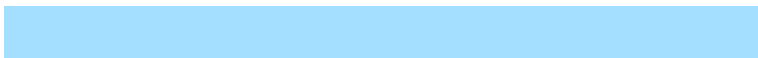
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1836, 67.9282, 48.4948



54.9195, 67.9282, 61.7734



60.1542, 67.9282, 107.0744



75.2757, 67.9282, 87.6574

Rectangle

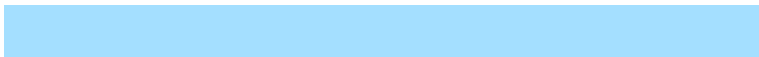
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1836, 67.9282, 48.4948



59.7978, 67.9282, 48.8731



60.1542, 67.9282, 107.0744



69.5764, 67.9282, 106.4358

Sweetspot

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



69.1854, 67.9313, 48.4962



87.6689, 90.8016, 89.2870



66.5980, 54.7980, 72.1690



18.5233, 19.1310, 18.4797



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.



69.1854, 67.9313, 48.4962



68.9964, 66.5293, 42.7616



79.4631, 88.4868, 51.9221



17.8860, 18.5078, 18.0921



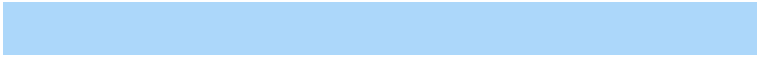
24.1357, 17.2281, 2.0533



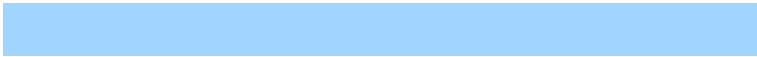
2.3395, 1.8038, 0.2249

Inverse Universe

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



58.5684, 64.2718, 99.7616



56.3856, 62.1770, 103.6373



50.0310, 47.1970, 96.9158



17.0763, 18.2294, 22.0039



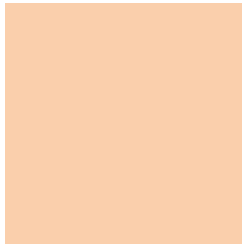
14.1045, 13.5647, 49.8484



1.4122, 1.4680, 4.6521

Previews

White Background



This preview shows how the XYZ color 69.1836, 67.9282, 48.4948 looks on a white background.

Color Contrast Check

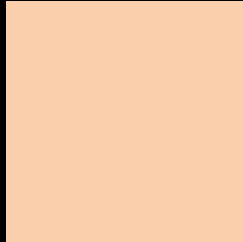
Large Text (above 18pt) WCAG AA × Fail

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 69.1836, 67.9282, 48.4948 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 69.1836, 67.9282, 48.4948

Background



This preview shows how black text looks on a background with the XYZ color 69.1836, 67.9282, 48.4948.



This preview shows how white text looks on a background with the XYZ color 69.1836, 67.9282,

48.4948.

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

69.1836, 67.9282, 48.4948

Protanopia

64.1318, 68.2294, 50.8638

Deuteranopia

69.5429, 68.1134, 48.5116



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

69.1836, 67.9282, 48.4948

Protanomaly

65.8734, 68.0150, 50.2137

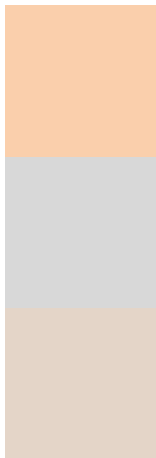
Deuteranomaly

69.5429, 68.1134, 48.5116

Tritanomaly

72.2893, 67.7646, 63.9134

Monochromacy



Original Color

69.1836, 67.9282, 48.4948

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.2145, 68.2526, 64.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1836, 67.9282, 48.4948 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, 207, 172)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 172)  
}
```

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, 207, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 172) }
```

Border

The CSS property to change the border of an element to XYZ 69.1836, 67.9282, 48.4948 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, 207, 172) }
```


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

```
.border{ border-color:rgb(250, 207, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 172);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1836, 67.9282, 48.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 172) }
```

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

```
.background{ background-color: rgb(250,  
207, 172) }
```

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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