

Converting Colors

XYZ(71.8819, 70.1034, 52.7231)

Have a look what the booklet for
XYZ(71.8819, 70.1034, 52.7231)
contains.

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Color

**XYZ(71.9117, 69.9670,
52.8948)**

Conversions

Conversions Part 1

Format	Color
Hex	FED1B4
RGB	254, 209, 180
RGB Percent	100%, 82%, 71%
CMY	0.0039, 0.1804, 0.2941
CMYK	0.00, 0.18, 0.29, 0.00
HSL	24°, 97%, 85%
HSV	24°, 29%, 100%
XYZ	71.9117, 69.9670, 52.8948
YIQ	219.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

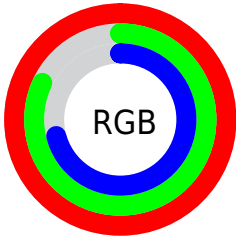
Format	Color
RYB	254, 228, 180
Decimal	16699828
CIELab	86.98, 11.72, 20.33
CIELCh	87, 23.469, 60.028
Yxy	69.9670, 0.3692, 0.3592
Android (android.graphics.Color)	4294889908 (0xFF FED1B4)
YUV	219.1490, -19.3005, 30.5643
Hunter-Lab	83.6463, 7.0776, 21.0596

Details

The XYZ color **71.9117, 69.9670, 52.8948** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.6362, 70.7073, 104.0600**, and the grayscale version is **67.5490, 71.0668, 77.3918**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **38.3171, 36.7108, 25.1450** is the 20% darker color. If you saturate the color by 10%, you get **65.9506, 61.8130, 39.2903**, and if you desaturate by 10%, it is **78.7180, 79.0518, 69.1218**.

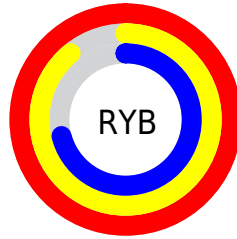
Distribution



Red (100%)

Green (82%)

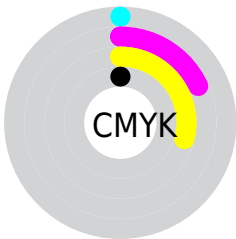
Blue (71%)



Red (100%)

Yellow (89%)

Blue (71%)

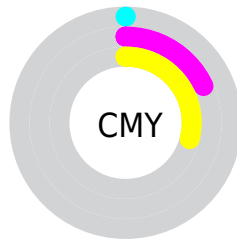


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9117, 69.9670, 52.8948 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 71.9117, 69.9670, 52.8948 by changing the saturation by 10% instead.


 71.9117, 69.9670,
52.8948

 71.9117, 69.9670,
52.8948


456.3966,
460.4341, 414.9362

 53.3718, 51.4996,
37.3316


 120.9425,
119.1617, 95.8895

 38.3283, 36.6064,
25.1666


152.1640,
150.6578, 124.1582

 26.4160, 24.9029,
15.9811


188.3434,
187.2656, 157.4991

 17.2694, 16.0047,
9.3565

229.8461,
229.3696, 196.3308

 10.5232, 9.5275,
4.8745

277.0374,
277.3540, 241.0718

 5.8121, 5.0868,
2.1164

330.2827,

 2.7708, 2.2983,

331.6033, 292.1407

0.6255

389.9473,
392.5019, 349.9560

■ 1.0337, 0.7728,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.9117, 69.9670,
52.8948

■ 71.9117, 69.9670,
52.8948

■ 65.9506, 61.8130,
39.2903

■ 78.7180, 79.0518,
69.1218

■ 60.7929, 54.5490,
28.1641

■ 86.3980, 89.0874,
88.0964

■ 56.4011, 48.1450,
19.3642

94.6831, 99.8109,
108.8828

■ 52.7322, 42.5656,
12.7201

■ 49.7380, 37.7723,
8.0376

■ 47.3628, 33.7224,
5.0866

■ 45.5289, 30.3631,
3.5242

■ 45.3881, 30.1007,
3.4178

Harmonies

Analogous

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



76.0585, 69.9670, 62.0427



71.9117, 69.9670, 52.8948



66.4964, 69.9670, 49.7898

Triad

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



71.9117, 69.9670, 52.8948



56.5011, 69.9670, 76.1967



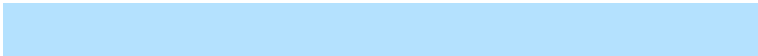
71.9210, 69.9670, 105.4445

Complementary

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



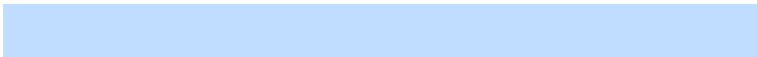
71.9117, 69.9670, 52.8948



63.6362, 70.7073, 104.0600

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.



66.5066, 69.9670, 110.5608



71.9117, 69.9670, 52.8948



57.7807, 69.9670, 92.3216

Square

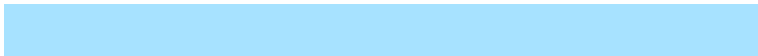
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9117, 69.9670, 52.8948



57.7760, 69.9670, 62.0647



61.3698, 69.9670, 105.4626



76.0641, 69.9670, 92.2929

Rectangle

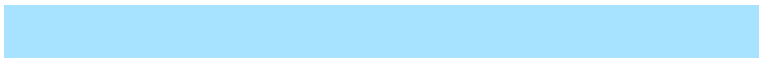
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9117, 69.9670, 52.8948



62.9540, 69.9670, 51.1783



61.3698, 69.9670, 105.4626



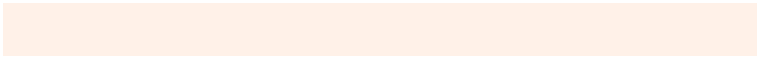
70.1799, 69.9670, 108.2356

Sweetspot

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



71.9135, 69.9702, 52.8962



87.2814, 90.0266, 89.1578



70.8720, 59.1850, 79.3770



18.4280, 18.9405, 18.4480



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

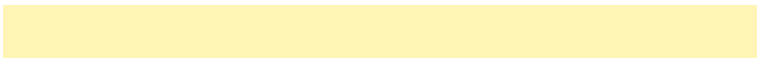
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9135, 69.9702, 52.8962



68.9244, 65.6527, 44.9958



81.8751, 89.8934, 56.2168



18.5933, 19.1549, 18.8616



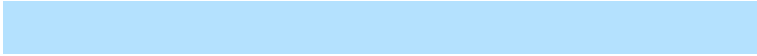
24.0623, 16.1359, 1.8463



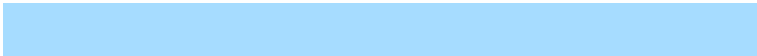
2.4455, 1.7764, 0.2140

Inverse Universe

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



63.6362, 70.7073, 104.0600



59.3213, 66.4955, 104.3161



54.8313, 53.0975, 101.1251



17.9222, 19.2161, 23.0144



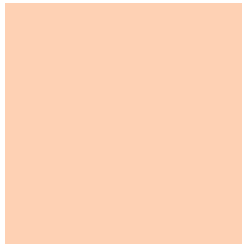
15.7101, 16.3297, 51.7585



1.6361, 1.8028, 5.0750

Previews

White Background



This preview shows how the XYZ color 71.9117, 69.9670, 52.8948 looks on a white background.

Color Contrast Check

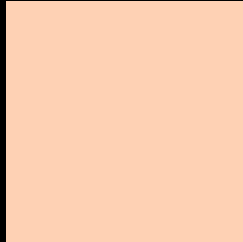
Large Text (above 18pt) WCAG AA × Fail

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 71.9117, 69.9670, 52.8948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

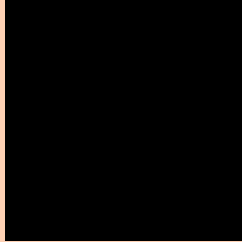
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9117, 69.9670, 52.8948

Background



This preview shows how black text looks on a background with the XYZ color 71.9117, 69.9670, 52.8948.



This preview shows how white text looks on a background with the XYZ color 71.9117, 69.9670,

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

71.9117, 69.9670, 52.8948

Protanopia

66.3563, 70.4265, 55.4437

Deuteranopia

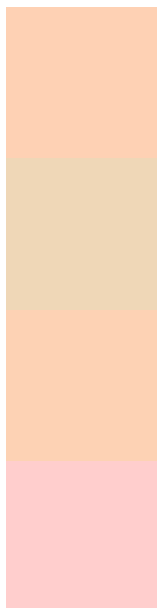
71.4297, 70.0839, 52.9428



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

71.9117, 69.9670, 52.8948

Protanomaly

68.4443, 70.3705, 54.7752

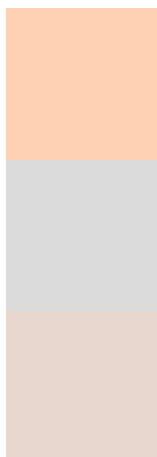
Deuteranomaly

71.7928, 70.2711, 52.9598

Tritanomaly

74.3308, 69.8104, 67.3147

Monochromacy



Original Color

71.9117, 69.9670, 52.8948

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.5986, 70.1645, 67.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9117, 69.9670, 52.8948 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(254, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 180)  
}
```

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(254, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 180) }
```

Border

The CSS property to change the border of an element to XYZ 71.9117, 69.9670, 52.8948 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(254, 209, 180) }
```


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

```
.border{ border-color:rgb(254, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9117, 69.9670, 52.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 180) }
```

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

```
.background{ background-color: rgb(254,  
209, 180) }
```

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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