

Converting Colors

XYZ(111.1569, 90.7765,
51.5621)

Have a look what the booklet for
XYZ(111.1569, 90.7765, 51.5621)
contains.

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Color

**XYZ(71.9266, 70.4092,
49.8438)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2AE
RGB	255, 210, 174
RGB Percent	100%, 82%, 68%
CMY	0.0000, 0.1764, 0.3176
CMYK	0.00, 0.18, 0.32, 0.00
HSL	27°, 100%, 84%
HSV	27°, 32%, 100%
XYZ	71.9266, 70.4092, 49.8438
YIQ	219.3510, 38.3760, -1.6560

Conversions

Conversions Part 2

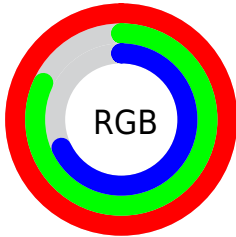
Format	Color
R _Y B	255, 239, 174
Decimal	16765614
CIE Lab	87.20, 10.82, 23.79
CIE LCh	87, 26.133, 65.534
Yxy	70.4092, 0.3743, 0.3664
Android (android.graphics.Color)	4294955694 (0xFFFFD2AE)
YUV	219.3510, -22.3580, 31.2642
Hunter-Lab	83.9102, 6.1648, 23.5181

Details

The XYZ color **71.9266, 70.4092, 49.8438** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.8363, 66.8795, 104.3104**, and the grayscale version is **67.7090, 71.2351, 77.5750**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **38.3656, 37.0277, 23.2141** is the 20% darker color. If you saturate the color by 10%, you get **66.3293, 62.8224, 36.8557**, and if you desaturate by 10%, it is **78.3089, 78.8104, 65.4234**.

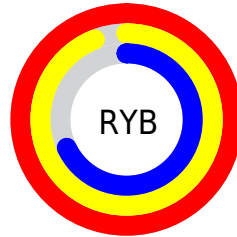
Distribution



Red (100%)

Green (82%)

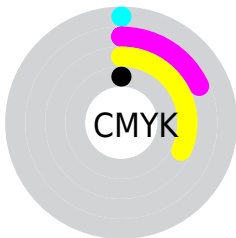
Blue (68%)



Red (100%)

Yellow (94%)

Blue (68%)

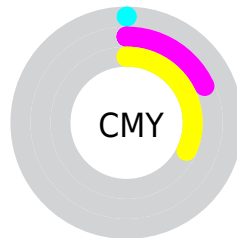


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9266, 70.4092, 49.8438 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 71.9266, 70.4092, 49.8438 by changing the saturation by 10% instead.


 71.9266, 70.4092,
49.8438

 71.9266, 70.4092,
49.8438

456.4477,
461.9855, 402.7723

 53.3840, 51.8602,
34.9190


 120.9635,
119.7921, 91.3373

 38.3381, 36.8937,
23.3174

152.1885,
151.3948, 118.7431

 26.4236, 25.1252,
14.6206


188.3717,
188.1176, 151.1463

 17.2751, 16.1703,
8.4099

229.8784,
230.3447, 188.9655

 10.5274, 9.6448,
4.2668

277.0740,
278.4607, 232.6191

 5.8149, 5.1641,
1.7728


330.3239,

 2.7725, 2.3438,


332.8499, 282.5258


0.4099


389.9933,
393.8967, 339.1040


 1.0346, 0.7968,
0.0000


 0.0000, 0.0000,
0.0000


 71.9266, 70.4092,
49.8438


 71.9266, 70.4092,
49.8438


 66.3293, 62.8224,
36.8557


 78.3089, 78.8104,
65.4234

 61.4770, 56.0137,
26.3110

 85.5034, 88.0415,
83.7226

 57.3338, 49.9577,
18.0533

 93.5422, 98.1297,
104.8663

 53.8578, 44.6240,
11.9059

95.0500, 100.0000,
108.9000

■ 51.0020, 39.9791,
7.6656

■ 48.7111, 35.9856,
5.0881

■ 47.1843, 33.1486,
3.9114

Harmonies

Analogous

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



76.9866, 70.4092, 58.6591



71.9266, 70.4092, 49.8438



65.7907, 70.4092, 47.7166

Triad

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



71.9266, 70.4092, 49.8438



55.8548, 70.4092, 79.9678



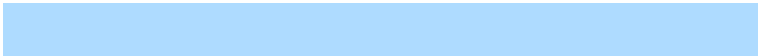
74.0138, 70.4092, 107.5696

Complementary

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



71.9266, 70.4092, 49.8438



60.8363, 66.8795, 104.3104

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.



68.0658, 70.4092, 115.4415



71.9266, 70.4092, 49.8438



57.7749, 70.4092, 98.0201

Square

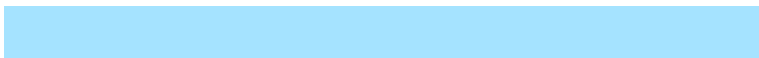
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9266, 70.4092, 49.8438



56.7497, 70.4092, 63.5073



62.1548, 70.4092, 111.7046



78.2422, 70.4092, 91.5220

Rectangle

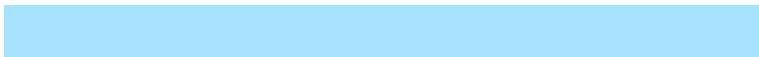
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9266, 70.4092, 49.8438



61.9652, 70.4092, 50.0439



62.1548, 70.4092, 111.7046



72.1360, 70.4092, 111.3628

Sweetspot

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



71.9283, 70.4124, 49.8452



86.8593, 89.7581, 87.2424



69.2815, 56.6948, 74.9329



18.3598, 18.9187, 18.0717



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.



71.9283, 70.4124, 49.8452



68.3472, 65.5861, 41.4500



82.9416, 92.4390, 53.5163



18.6740, 19.3162, 18.8885



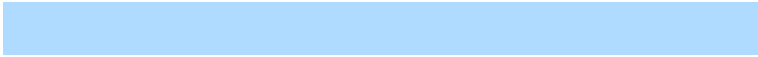
24.7983, 17.6078, 2.0916



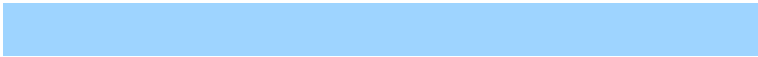
2.5214, 1.9282, 0.2393

Inverse Universe

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



60.8363, 66.8795, 104.3104



55.6954, 61.5496, 103.5525



51.7067, 48.6203, 101.2672



17.8398, 19.0512, 22.9869



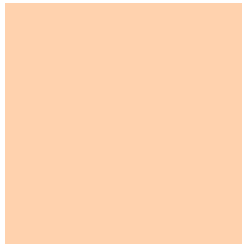
14.6100, 14.1296, 51.3918



1.5316, 1.5938, 5.0402

Previews

White Background



This preview shows how the XYZ color 71.9266, 70.4092, 49.8438 looks on a white background.

Color Contrast Check

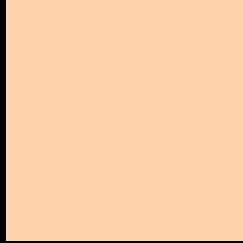
Large Text (above 18pt) WCAG AA × Fail

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 71.9266, 70.4092, 49.8438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

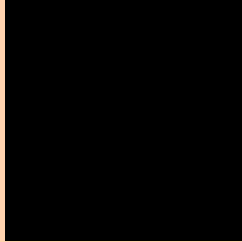
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9266, 70.4092, 49.8438

Background



This preview shows how black text looks on a background with the XYZ color 71.9266, 70.4092, 49.8438.



This preview shows how white text looks on a background with the XYZ color 71.9266, 70.4092,

49.8438.

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

71.9266, 70.4092, 49.8438

Protanopia

66.3860, 70.5130, 52.2309

Deuteranopia

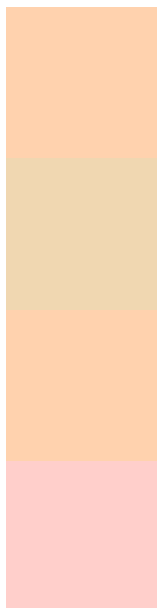
71.9266, 70.4092, 49.8438



Tritanopia

76.0975, 70.5171, 76.6182

Trichromacy



Original Color

71.9266, 70.4092, 49.8438

Protanomaly

68.1714, 70.3005, 51.5713

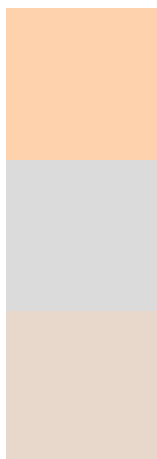
Deuteranomaly

71.9266, 70.4092, 49.8438

Tritanomaly

74.3323, 70.1974, 66.1316

Monochromacy



Original Color

71.9266, 70.4092, 49.8438

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6141, 70.5793, 66.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9266, 70.4092, 49.8438 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(255, 210, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 174)  
}
```

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(255, 210, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 174) }
```

Border

The CSS property to change the border of an element to XYZ 71.9266, 70.4092, 49.8438 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(255, 210, 174) }
```


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

```
.border{ border-color:rgb(255, 210, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9266, 70.4092, 49.8438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 174) }
```

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

```
.background{ background-color: rgb(255,  
210, 174) }
```

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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