

Converting Colors

XYZ(72.1372, 70.5158, 50.8838)

Have a look what the booklet for
XYZ(72.1372, 70.5158, 50.8838)
contains.

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Color

**XYZ(72.1231, 70.4878,
50.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2B0
RGB	255, 210, 176
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1764, 0.3098
CMYK	0.00, 0.18, 0.31, 0.00
HSL	26°, 100%, 85%
HSV	26°, 31%, 100%
XYZ	72.1231, 70.4878, 50.8785
YIQ	219.5790, 37.7340, -1.0340

Conversions

Conversions Part 2

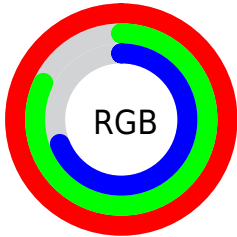
Format	Color
R _Y B	255, 236, 176
Decimal	16765616
CIE Lab	87.24, 11.07, 22.79
CIE LCh	87, 25.341, 64.092
Yxy	70.4878, 0.3727, 0.3643
Android (android.graphics.Color)	4294955696 (0xFFFFD2B0)
YUV	219.5790, -21.4844, 31.0642
Hunter-Lab	83.9570, 6.4153, 22.8398

Details

The XYZ color **72.1231, 70.4878, 50.8785** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.8101, 68.1607, 104.5063**, and the grayscale version is **67.8621, 71.3962, 77.7505**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **38.4896, 37.0773, 23.8669** is the 20% darker color. If you saturate the color by 10%, you get **66.4090, 62.7252, 37.6735**, and if you desaturate by 10%, it is **78.6401, 79.0973, 66.6908**.

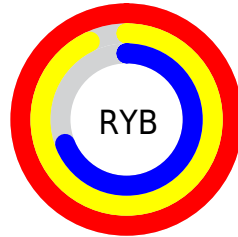
Distribution



Red (100%)

Green (82%)

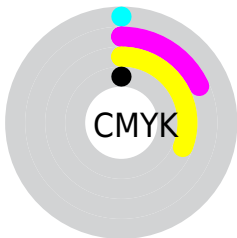
Blue (69%)



Red (100%)

Yellow (93%)

Blue (69%)

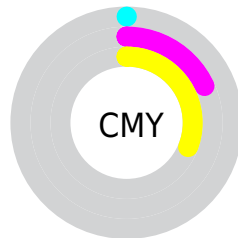


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1231, 70.4878, 50.8785 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 72.1231, 70.4878, 50.8785 by changing the saturation by 10% instead.


 72.1231, 70.4878,
50.8785

 72.1231, 70.4878,
50.8785


457.1209,
462.2609, 406.9246

 53.5451, 51.9243,
35.7359


 121.2414,
119.9041, 92.8848

 38.4673, 36.9447,
23.9422


152.5123,
151.5258, 120.5856

 26.5244, 25.1647,
15.0789


188.7450,
188.2689, 153.3095

 17.3511, 16.1998,
8.7276

230.3047,
230.5179, 191.4750

 10.5820, 9.6657,
4.4695

277.5568,
278.6572, 235.5007

 5.8517, 5.1778,
1.8863

330.8666,

 2.7949, 2.3520,

333.0713, 285.8052

0.4840

390.5995,
394.1443, 342.8070

■ 1.0463, 0.8010,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1231, 70.4878,
50.8785

■ 72.1231, 70.4878,
50.8785

■ 66.4090, 62.7252,
37.6735

■ 78.6401, 79.0973,
66.6908

■ 61.4574, 55.7719,
26.9285

■ 85.9876, 88.5705,
85.2381

■ 57.2318, 49.6016,
18.4882

■ 94.1981, 98.9356,
106.6446

■ 53.6901, 44.1824,
12.1772

■ 95.0500, 100.0000,
108.9000

■ 50.7849, 39.4796,
7.7946

■ 48.4609, 35.4543,
5.0999

■ 46.7905, 32.3611,
3.7802

Harmonies

Analogous

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



76.9294, 70.4878, 59.8027



72.1231, 70.4878, 50.8785



66.1832, 70.4878, 48.4760

Triad

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



72.1231, 70.4878, 50.8785



56.2161, 70.4878, 79.1119



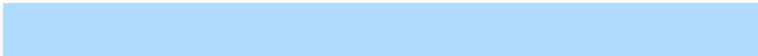
73.6191, 70.4878, 107.2222

Complementary

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



72.1231, 70.4878, 50.8785



61.8101, 68.1607, 104.5063

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.



67.8165, 70.4878, 114.3086



72.1231, 70.4878, 50.8785



57.9577, 70.4878, 96.6282

Square

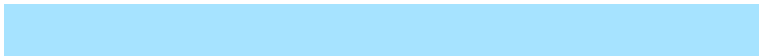
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1231, 70.4878, 50.8785



57.2194, 70.4878, 63.2990



62.1189, 70.4878, 110.1718



77.8284, 70.4878, 91.9814

Rectangle

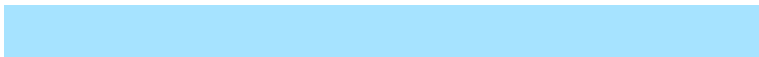
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1231, 70.4878, 50.8785



62.4322, 70.4878, 50.5452



62.1189, 70.4878, 110.1718



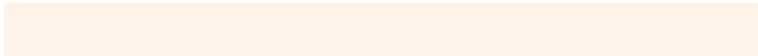
71.7781, 70.4878, 110.7317

Sweetspot

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



72.1248, 70.4910, 50.8799



87.5435, 90.5509, 89.2452



69.9618, 57.5898, 76.5949



18.4924, 19.0694, 18.4695



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.



72.1248, 70.4910, 50.8799



68.5902, 65.7168, 42.6261



82.7723, 91.7861, 54.4291



18.6524, 19.2729, 18.8813



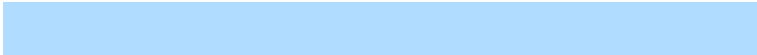
24.5905, 17.1923, 2.0224



2.5003, 1.8859, 0.2322

Inverse Universe

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



61.8101, 68.1607, 104.5063



56.8222, 63.0501, 103.7828



52.8029, 50.1463, 101.5039



17.8618, 19.0952, 22.9943



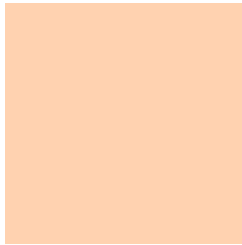
14.8923, 14.6943, 51.4859



1.5586, 1.6479, 5.0492

Previews

White Background



This preview shows how the XYZ color 72.1231, 70.4878, 50.8785 looks on a white background.

Color Contrast Check

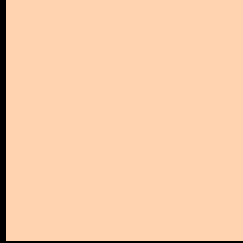
Large Text (above 18pt) WCAG AA × Fail

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 72.1231, 70.4878, 50.8785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

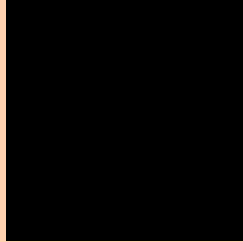
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1231, 70.4878, 50.8785

Background



This preview shows how black text looks on a background with the XYZ color 72.1231, 70.4878, 50.8785.



This preview shows how white text looks on a background with the XYZ color 72.1231, 70.4878,

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

72.1231, 70.4878, 50.8785

Protanopia

66.2646, 70.4270, 53.2813

Deuteranopia

72.1231, 70.4878, 50.8785



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

72.1231, 70.4878, 50.8785

Protanomaly

68.3723, 70.3808, 52.6291

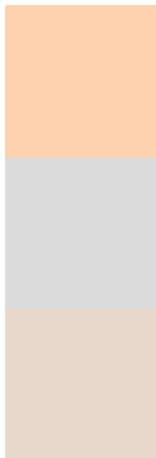
Deuteranomaly

72.1231, 70.4878, 50.8785

Tritanomaly

74.4519, 70.2453, 66.7614

Monochromacy



Original Color

72.1231, 70.4878, 50.8785

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0592, 70.7950, 67.1517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1231, 70.4878, 50.8785 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 176) }
```

Border

The CSS property to change the border of an element to XYZ 72.1231, 70.4878, 50.8785 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, 176) }
```


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

```
.border{ border-color:rgb(255, 210, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1231, 70.4878, 50.8785 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
210, 176) }
```

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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