

Converting Colors

XYZ(71.7293, 69.7482, 50.5991)

Have a look what the booklet for
XYZ(71.7293, 69.7482, 50.5991)
contains.

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Color

**XYZ(71.8769, 69.9955,
50.7965)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD1B0 |
| RGB | 255, 209, 176 |
| RGB Percent | 100%, 82%, 69% |
| CMY | 0.0000, 0.1804, 0.3098 |
| CMYK | 0.00, 0.18, 0.31, 0.00 |
| HSL | 25°, 100%, 85% |
| HSV | 25°, 31%, 100% |
| XYZ | 71.8769, 69.9955, 50.7965 |
| YIQ | 218.9920, 38.0090, -0.5110 |

Conversions

Conversions Part 2

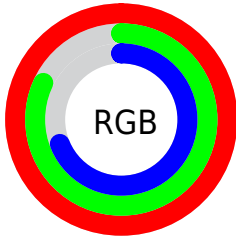
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 233, 176 |
| Decimal | 16765360 |
| CIE Lab | 86.99, 11.59, 22.46 |
| CIE LCh | 87, 25.276, 62.705 |
| Yxy | 69.9955, 0.3731, 0.3633 |
| Android (android.graphics.Color) | 4294955440 (0xFFFFD1B0) |
| YUV | 218.9920, -21.1951, 31.5790 |
| Hunter-Lab | 83.6633, 6.9423, 22.5662 |

Details

The XYZ color **71.8769, 69.9955, 50.7965** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0750, 68.6904, 104.5946**, and the grayscale version is **67.4518, 70.9646, 77.2804**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **38.3225, 36.7431, 23.8112** is the 20% darker color. If you saturate the color by 10%, you get **66.1130, 62.1331, 37.5748**, and if you desaturate by 10%, it is **78.4579, 78.7329, 66.6301**.

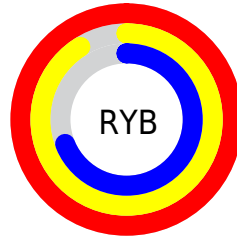
Distribution



Red (100%)

Green (82%)

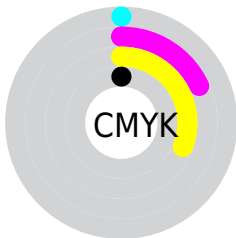
Blue (69%)



Red (100%)

Yellow (91%)

Blue (69%)

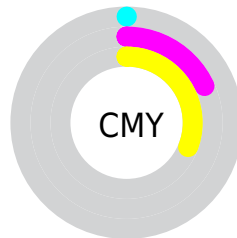


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8769, 69.9955, 50.7965 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 71.8769, 69.9955, 50.7965 by changing the saturation by 10% instead.


 71.8769, 69.9955,
50.7965

 71.8769, 69.9955,
50.7965


456.2773,
460.5342, 406.5966

 53.3432, 51.5229,
35.6711


 120.8932,
119.2023, 92.7623

 38.3054, 36.6249,
23.8926


152.1066,
150.7053, 120.4398

 26.3981, 24.9172,
15.0425


188.2773,
187.3206, 153.1384

 17.2559, 16.0154,
8.7023

229.7706,
229.4324, 191.2766

 10.5136, 9.5350,
4.4533

276.9519,
277.4253, 235.2730

 5.8056, 5.0918,
1.8772

330.1865,

 2.7668, 2.3012,

331.6837, 285.5461

0.4782

389.8399,
392.5918, 342.5144

■ 1.0317, 0.7744,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8769, 69.9955,
50.7965

■ 71.8769, 69.9955,
50.7965

■ 66.1130, 62.1331,
37.5748

■ 78.4579, 78.7329,
66.6301

■ 61.1248, 55.1068,
26.8177

■ 85.8839, 88.3631,
85.2036

■ 56.8754, 48.8890,
18.3694

■ 94.1881, 98.9156,
106.6413

■ 53.3220, 43.4463,
12.0545

■ 95.0500, 100.0000,
108.9000

■ 50.4165, 38.7427,
7.6718

■ 48.1025, 34.7375,
4.9804

■ 46.4495, 31.6789,
3.6665

Harmonies

Analogous

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



76.5561, 69.9955, 59.9469



71.8769, 69.9955, 50.7965



65.9938, 69.9955, 48.1081

Triad

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



71.8769, 69.9955, 50.7965



55.8111, 69.9955, 77.7593



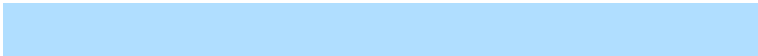
72.8593, 69.9955, 107.0090

Complementary

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



71.8769, 69.9955, 50.7965



62.0750, 68.6904, 104.5946

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.



67.0663, 69.9955, 113.5623



71.8769, 69.9955, 50.7965



57.4174, 69.9955, 95.1842

Square

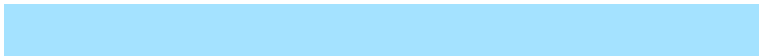
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8769, 69.9955, 50.7965



56.9327, 69.9955, 62.2421



61.4525, 69.9955, 108.9462



77.1464, 69.9955, 92.1326

Rectangle

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



71.8769, 69.9955, 50.7965



62.2382, 69.9955, 49.9605



61.4525, 69.9955, 108.9462



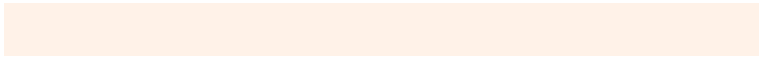
71.0118, 69.9955, 110.3502

Sweetspot

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



71.8787, 69.9987, 50.7979



87.4572, 90.3782, 89.2164



69.9618, 57.5898, 76.5949



18.4712, 19.0269, 18.4624



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.



71.8787, 69.9987, 50.7979



68.3123, 65.1611, 42.5335



82.7724, 91.7861, 54.4292



18.6329, 19.2340, 18.8748



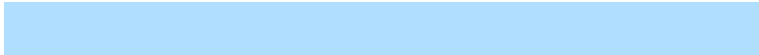
24.4103, 16.8318, 1.9623



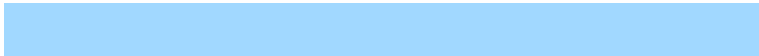
2.4817, 1.8488, 0.2261

Inverse Universe

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



62.0750, 68.6904, 104.5946



57.1263, 63.6584, 103.8842



52.8029, 50.1463, 101.5039



17.8817, 19.1349, 23.0009



15.1540, 15.2175, 51.5732



1.5835, 1.6977, 5.0575

Previews

White Background



This preview shows how the XYZ color 71.8769, 69.9955, 50.7965 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 71.8769, 69.9955, 50.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

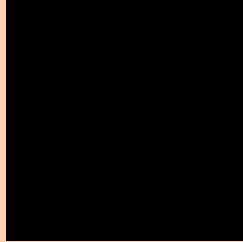
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8769, 69.9955, 50.7965

Background



This preview shows how black text looks on a background with the XYZ color 71.8769, 69.9955, 50.7965.



This preview shows how white text looks on a background with the XYZ color 71.8769, 69.9955,

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

71.8769, 69.9955, 50.7965

Protanopia

66.2646, 70.4270, 53.2813

Deuteranopia

71.7561, 70.2986, 50.8613



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

71.8769, 69.9955, 50.7965

Protanomaly

68.3723, 70.3808, 52.6291

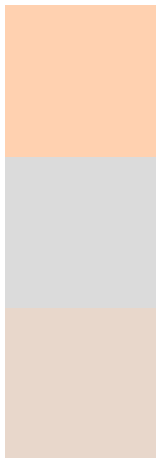
Deuteranomaly

71.7561, 70.2986, 50.8613

Tritanomaly

74.0908, 69.7144, 66.0511

Monochromacy



Original Color

71.8769, 69.9955, 50.7965

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3586, 70.0685, 66.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8769, 69.9955, 50.7965 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, 209, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 176) }
```

Border

The CSS property to change the border of an element to XYZ 71.8769, 69.9955, 50.7965 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, 209, 176) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 209, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 209, 176); box-shadow:4px 4px 4px 4px rgb(255, 209, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8769, 69.9955, 50.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 176) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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