

Converting Colors

XYZ(73.2498, 70.1732, 50.2777)

Have a look what the booklet for
XYZ(73.2498, 70.1732, 50.2777)
contains.

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Color

**XYZ(71.5337, 69.4669,
50.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0AF
RGB	255, 208, 175
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1843, 0.3137
CMYK	0.00, 0.18, 0.31, 0.00
HSL	25°, 100%, 84%
HSV	25°, 31%, 100%
XYZ	71.5337, 69.4669, 50.1957
YIQ	218.2910, 38.6050, -0.2990

Conversions

Conversions Part 2

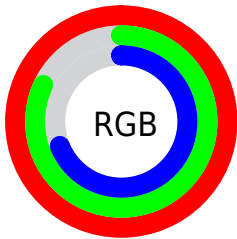
Format	Color
R _Y B	255, 231, 175
Decimal	16765103
CIE Lab	86.73, 11.99, 22.63
CIE LCh	87, 25.606, 62.091
Yxy	69.4669, 0.3741, 0.3633
Android (android.graphics.Color)	4294955183 (0xFFFFD0AF)
YUV	218.2910, -21.3425, 32.1938
Hunter-Lab	83.3468, 7.3435, 22.6353

Details

The XYZ color **71.5337, 69.4669, 50.1957** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.8496, 68.5742, 104.5841**, and the grayscale version is **66.9669, 70.4544, 76.7249**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.0944, 36.3867, 23.4279** is the 20% darker color. If you saturate the color by 10%, you get **65.7809, 61.5978, 37.0668**, and if you desaturate by 10%, it is **78.1080, 78.2215, 65.9331**.

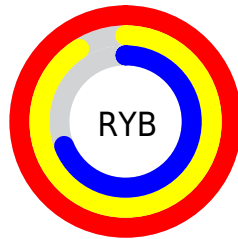
Distribution



Red (100%)

Green (82%)

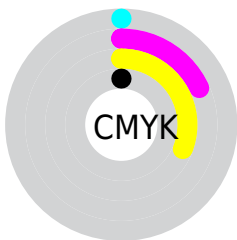
Blue (69%)



Red (100%)

Yellow (91%)

Blue (69%)

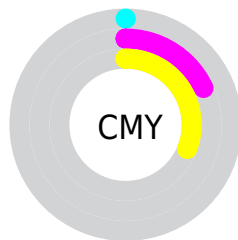


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5337, 69.4669, 50.1957 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 71.5337, 69.4669, 50.1957 by changing the saturation by 10% instead.


 71.5337, 69.4669,
50.1957

 71.5337, 69.4669,
50.1957


455.0998,
458.6760, 404.1877

 53.0619, 51.0920,
35.1967


 120.4077,
118.4482, 91.8641

 38.0799, 36.2819,
23.5296

151.5407,
149.8234, 119.3704

 26.2222, 24.6520,
14.7761


187.6249,
186.3009, 151.8830

 17.1235, 15.8179,
8.5175

229.0255,
228.2651, 189.8203

 10.4184, 9.3954,
4.3354

276.1079,
276.1002, 233.6009

 5.7416, 5.0000,
1.8111

329.2375,

 2.7278, 2.2473,

330.1909, 283.6433

0.4352

388.7797,
390.9213, 340.3661

■ 1.0115, 0.7456,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5337, 69.4669,
50.1957

■ 71.5337, 69.4669,
50.1957

■ 65.7809, 61.5978,
37.0668

■ 78.1080, 78.2215,
65.9331

■ 60.8080, 54.5749,
26.3985

■ 85.5322, 87.8801,
84.4073

■ 56.5776, 48.3699,
18.0342

■ 93.8398, 98.4726,
105.7433

■ 53.0464, 42.9486,
11.7977

■ 95.0500, 100.0000,
108.9000

■ 50.1657, 38.2742,
7.4863

■ 47.8785, 34.3053,
4.8573

■ 46.3125, 31.4049,
3.6208

Harmonies

Analogous

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



76.2129, 69.4669, 59.5149



71.5337, 69.4669, 50.1957



65.6092, 69.4669, 47.3646

Triad

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



71.5337, 69.4669, 50.1957



55.2288, 69.4669, 76.8409



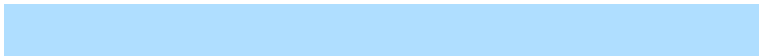
72.3000, 69.4669, 106.9705

Complementary

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



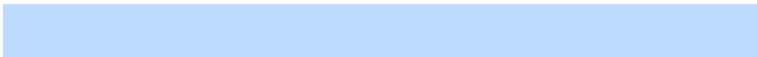
71.5337, 69.4669, 50.1957



61.8496, 68.5742, 104.5841

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.



66.4450, 69.4669, 113.3819



71.5337, 69.4669, 50.1957



56.7902, 69.4669, 94.4371

Square

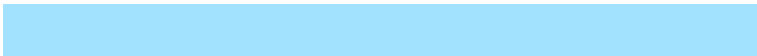
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5337, 69.4669, 50.1957



56.4131, 69.4669, 61.2994



60.8089, 69.4669, 108.4856



76.6737, 69.4669, 92.0537

Rectangle

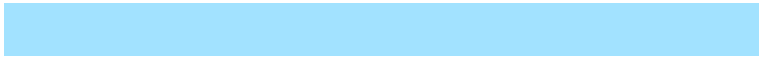
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5337, 69.4669, 50.1957



61.8117, 69.4669, 49.1328



60.8089, 69.4669, 108.4856



70.4281, 69.4669, 110.2850

Sweetspot

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



71.5355, 69.4701, 50.1971



87.4216, 90.3070, 89.2046



69.8897, 57.2484, 77.1790



18.4625, 19.0094, 18.4595



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.



71.5355, 69.4701, 50.1971



67.6320, 64.1558, 41.2116



82.2389, 90.8769, 53.7649



18.6249, 19.2180, 18.8721



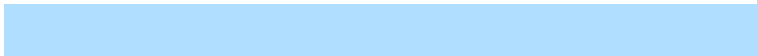
24.3378, 16.6869, 1.9381



2.4742, 1.8338, 0.2236

Inverse Universe

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



61.8496, 68.5742, 104.5841



56.4763, 63.1114, 103.8128



52.6634, 50.2018, 101.5220



17.8899, 19.1513, 23.0036



15.2640, 15.4375, 51.6098



1.5939, 1.7186, 5.0610

Previews

White Background



This preview shows how the XYZ color 71.5337, 69.4669, 50.1957 looks on a white background.

Color Contrast Check

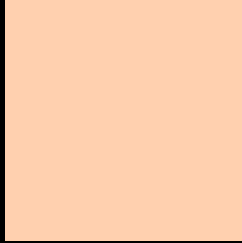
Large Text (above 18pt) WCAG AA × Fail

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 71.5337, 69.4669, 50.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

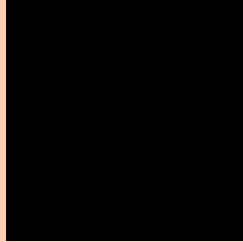
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5337, 69.4669, 50.1957

Background



This preview shows how black text looks on a background with the XYZ color 71.5337, 69.4669, 50.1957.



This preview shows how white text looks on a background with the XYZ color 71.5337, 69.4669,

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

71.5337, 69.4669, 50.1957

Protanopia

65.5827, 69.7034, 52.6453

Deuteranopia

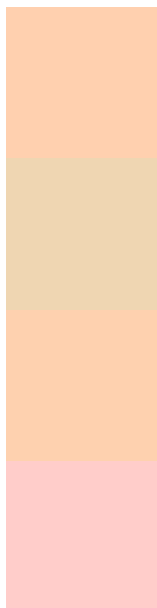
71.0463, 69.5787, 50.2429



Tritanopia

75.4878, 69.5077, 75.7674

Trichromacy



Original Color

71.5337, 69.4669, 50.1957

Protanomaly

67.6791, 69.6582, 51.9978

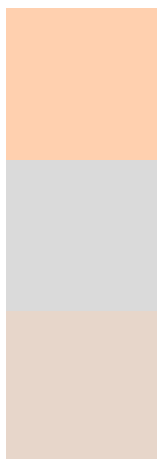
Deuteranomaly

71.4114, 69.7669, 50.2600

Tritanomaly

73.7320, 69.1869, 65.3454

Monochromacy



Original Color

71.5337, 69.4669, 50.1957

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.6622, 69.3463, 65.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5337, 69.4669, 50.1957 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, 208, 175)` looks like.

```
.text, #text, p{  
  color:rgb(255, 208, 175)  
}
```

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, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 175) }
```

Border

The CSS property to change the border of an element to XYZ 71.5337, 69.4669, 50.1957 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, 208, 175) }
```


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

```
.border{ border-color:rgb(255, 208, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5337, 69.4669, 50.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 175) }
```

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

```
.background{ background-color: rgb(255,  
208, 175) }
```

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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