

Converting Colors

XYZ(72.3701, 72.6488, 55.5321)

Have a look what the booklet for
XYZ(72.3701, 72.6488, 55.5321)
contains.

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Color

**XYZ(72.2745, 72.7122,
55.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D8B8
RGB	249, 216, 184
RGB Percent	98%, 85%, 72%
CMY	0.0235, 0.1529, 0.2784
CMYK	0.00, 0.13, 0.26, 0.02
HSL	30°, 84%, 85%
HSV	30°, 26%, 98%
XYZ	72.2745, 72.7122, 55.5730
YIQ	222.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

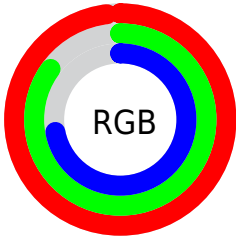
Format	Color
R _Y B	249, 247, 184
Decimal	16373944
CIE Lab	88.31, 6.76, 20.01
CIE LCh	88, 21.123, 71.339
Yxy	72.7122, 0.3604, 0.3625
Android (android.graphics.Color)	4294564024 (0xFFFF9D8B8)
YUV	222.2190, -18.8420, 23.4869
Hunter-Lab	85.2714, 2.0683, 21.0496

Details

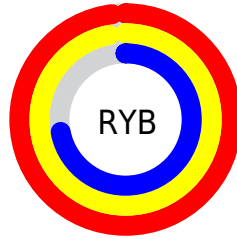
The XYZ color **72.2745, 72.7122, 55.5730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.6783, 66.6536, 99.2374**, and the grayscale version is **69.7017, 73.3316, 79.8581**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.5798, 38.3349, 26.8387** is the 20% darker color. If you saturate the color by 10%, you get **66.7765, 65.5318, 41.9766**, and if you desaturate by 10%, it is **78.4849, 80.5812, 71.6750**.

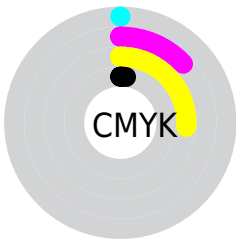
Distribution



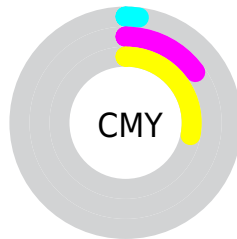
- Red (98%)
- Green (85%)
- Blue (72%)



- Red (98%)
- Yellow (97%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2745, 72.7122, 55.5730 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 72.2745, 72.7122, 55.5730 by changing the saturation by 10% instead.

 72.2745, 72.7122,
55.5730

 72.2745, 72.7122,
55.5730


457.6393,
470.0167, 425.4233

 53.6692, 53.7407,
39.4590


 121.4554,
123.0686, 99.8595

 38.5669, 38.3944,
26.8064


152.7617,
155.2222, 128.8691

 26.6022, 26.2889,
17.1967


189.0324,
192.5386, 163.0143

 17.4097, 17.0399,
10.2114

230.6329,
235.4022, 202.7137

 10.6241, 10.2629,
5.4319

277.9285,
284.1975, 248.3857

 5.8801, 5.5736,
2.4397

331.2845,

 2.8123, 2.5876,

339.3087, 300.4490

0.8079

391.0663,
401.1203, 359.3220

■ 1.0553, 0.9204,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2745, 72.7122,
55.5730

■ 72.2745, 72.7122,
55.5730

■ 66.7765, 65.5318,
41.9766

■ 78.4849, 80.5812,
71.6750

■ 61.9555, 59.0094,
30.7526

■ 85.4297, 89.1486,
90.3975

■ 57.7815, 53.1261,
21.7623

■ 92.5350, 98.1957,
108.6843

■ 54.2191, 47.8584,
14.8502

■ 92.8770, 98.8798,
108.7983

■ 51.2294, 43.1807,
9.8408

■ 48.7673, 39.0644,
6.5291

■ 46.7781, 35.4770,
4.6609

■ 46.1011, 34.2079,
4.1730

Harmonies

Analogous

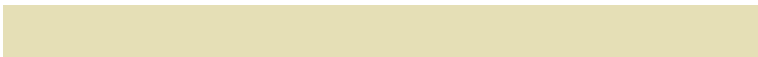
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6852, 72.7122, 62.1374



72.2745, 72.7122, 55.5730



67.2132, 72.7122, 54.8480

Triad

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



72.2745, 72.7122, 55.5730



59.9934, 72.7122, 84.7840



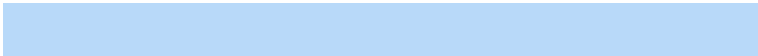
75.7464, 72.7122, 102.0177

Complementary

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



72.2745, 72.7122, 55.5730



61.6783, 66.6536, 99.2374

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.



71.0438, 72.7122, 109.7942



72.2745, 72.7122, 55.5730



62.0523, 72.7122, 99.0641

Square

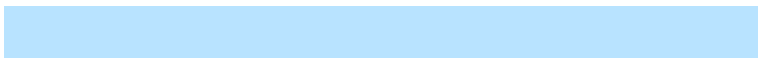
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2745, 72.7122, 55.5730



60.2868, 72.7122, 70.5766



66.0407, 72.7122, 108.6517



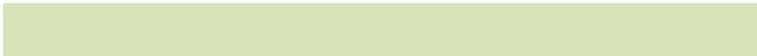
78.7563, 72.7122, 88.4367

Rectangle

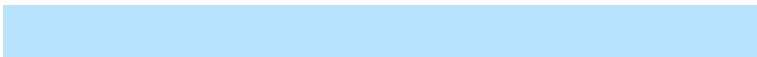
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2745, 72.7122, 55.5730



64.1673, 72.7122, 57.6549



66.0407, 72.7122, 108.6517



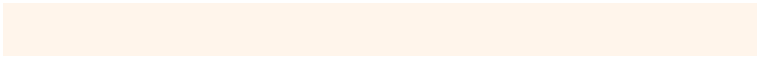
74.3018, 72.7122, 105.4680

Sweetspot

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



72.2764, 72.7155, 55.5745



88.7227, 92.3251, 91.4390



68.8084, 59.4617, 73.8955



18.7480, 19.4641, 18.9132



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.



72.2764, 72.7155, 55.5745



73.3397, 72.9290, 51.2596



81.2608, 90.6843, 58.5693



17.9504, 18.6366, 18.1135



24.8187, 18.5941, 2.2809



2.4045, 1.9338, 0.2465

Inverse Universe

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



61.6783, 66.6536, 99.2374



60.5187, 65.5953, 104.0792



54.2333, 51.7637, 96.7557



17.0114, 18.0996, 21.9823



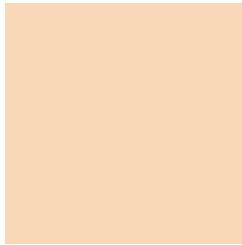
13.3162, 11.9879, 49.5856



1.3394, 1.3225, 4.6278

Previews

White Background



This preview shows how the XYZ color 72.2745, 72.7122, 55.5730 looks on a white background.

Color Contrast Check

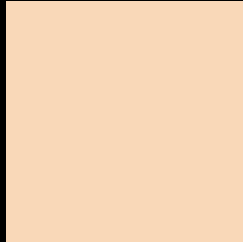
Large Text (above 18pt) WCAG AA × Fail

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 72.2745, 72.7122, 55.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

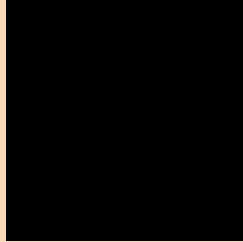
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2745, 72.7122, 55.5730

Background



This preview shows how black text looks on a background with the XYZ color 72.2745, 72.7122, 55.5730.



This preview shows how white text looks on a background with the XYZ color 72.2745, 72.7122,

55.5730.

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

72.2745, 72.7122, 55.5730

Protanopia

68.7578, 72.7932, 57.4403

Deuteranopia

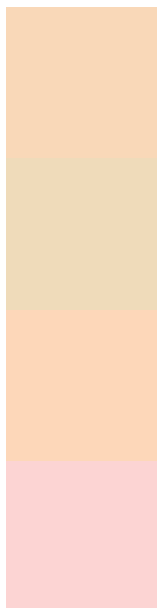
74.1495, 72.8983, 56.6171



Tritanopia

77.6471, 72.6550, 81.8829

Trichromacy



Original Color

72.2745, 72.7122, 55.5730

Protanomaly

69.7910, 72.5589, 56.7813

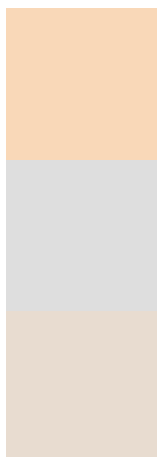
Deuteranomaly

73.5654, 72.9863, 56.1094

Tritanomaly

75.4462, 72.4856, 71.6427

Monochromacy



Original Color

72.2745, 72.7122, 55.5730

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2571, 72.8963, 70.0420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2745, 72.7122, 55.5730 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(249, 216, 184) looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 184)  
}
```

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(249, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 184) }
```

Border

The CSS property to change the border of an element to XYZ 72.2745, 72.7122, 55.5730 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(249, 216, 184) }
```


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

```
.border{ border-color:rgb(249, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2745, 72.7122, 55.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 184) }
```

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

```
.background{ background-color: rgb(249,  
216, 184) }
```

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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