

Converting Colors

XYZ(72.2244, 73.3543, 42.6999)

Have a look what the booklet for
XYZ(72.2244, 73.3543, 42.6999)
contains.

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Color

**XYZ(72.2244, 73.3543,
42.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD99E
RGB	255, 217, 158
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1490, 0.3804
CMYK	0.00, 0.15, 0.38, 0.00
HSL	36°, 100%, 81%
HSV	36°, 38%, 100%
XYZ	72.2244, 73.3543, 42.6999
YIQ	221.6360, 41.5870, -10.2930

Conversions

Conversions Part 2

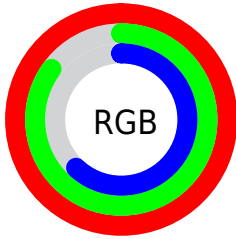
Format	Color
R _Y B	220, 255, 158
Decimal	16767390
CIE Lab	88.62, 5.33, 33.98
CIE LCh	89, 34.397, 81.080
Yxy	73.3543, 0.3836, 0.3896
Android (android.graphics.Color)	4294957470 (0xFFFFD99E)
YUV	221.6360, -31.3725, 29.2602
Hunter-Lab	85.6471, 0.6428, 30.3936

Details

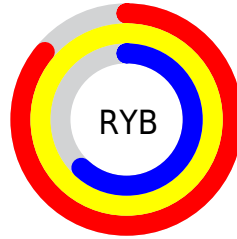
The XYZ color **72.2244, 73.3543, 42.6999** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.8899, 53.9672, 102.2895**, and the grayscale version is **69.3696, 72.9822, 79.4776**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **38.5478, 38.7516, 19.0838** is the 20% darker color. If you saturate the color by 10%, you get **67.7565, 67.5742, 31.4823**, and if you desaturate by 10%, it is **77.3072, 79.6351, 56.3708**.

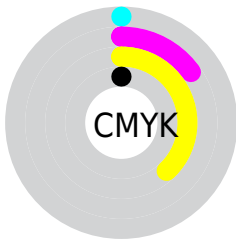
Distribution



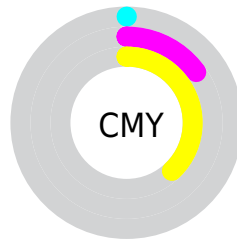
- Red (100%)
- Green (85%)
- Blue (62%)



- Red (86%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2244, 73.3543, 42.6999 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 72.2244, 73.3543, 42.6999 by changing the saturation by 10% instead.


 72.2244, 73.3543,
42.6999


 72.2244, 73.3543,
42.6999


457.4678,
472.2418, 373.2610

 53.6281, 54.2657,
29.3201


 121.3846,
123.9801, 80.5393

 38.5339, 38.8141,
19.0754


 152.6792,
156.2860, 105.8359

 26.5764, 26.6152,
11.5474


188.9373,
193.7666, 135.9419

 17.3903, 17.2844,
6.3175

230.5243,
236.8061, 171.2758

 10.6102, 10.4375,
2.9672

277.8055,
285.7890, 212.2561

 5.8707, 5.6900,
1.0779

331.1462,

 2.8065, 2.6575,

341.0996, 259.3014

0.0000

390.9119,
403.1225, 312.8302

■ 1.0523, 0.9557,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2244, 73.3543,
42.6999

■ 72.2244, 73.3543,
42.6999

■ 67.7565, 67.5742,
31.4823

■ 77.3072, 79.6351,
56.3708

■ 63.8670, 62.2677,
22.5632

■ 83.0281, 86.4220,
72.6280

■ 60.5233, 57.4200,
15.7769

■ 89.4154, 93.7332,
91.6002

■ 57.6866, 53.0110,
10.9334

95.0500, 100.0000,
108.9000

■ 55.3115, 49.0177,
7.8083

■ 53.3374, 45.4110,
6.0977

■ 52.9810, 44.7420,
5.8437

Harmonies

Analogous

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



80.2325, 73.3543, 49.3338



72.2244, 73.3543, 42.6999



64.1387, 73.3543, 44.3714

Triad

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



72.2244, 73.3543, 42.6999



55.8684, 73.3543, 97.4576



82.8854, 73.3543, 112.1530

Complementary

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



72.2244, 73.3543, 42.6999



51.8899, 53.9672, 102.2895

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.



75.6183, 73.3543, 130.5421



72.2244, 73.3543, 42.6999



60.1703, 73.3543, 120.9558

Square

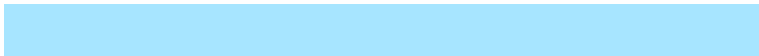
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2244, 73.3543, 42.6999



55.1172, 73.3543, 72.9926



67.2762, 73.3543, 134.0489



86.7004, 73.3543, 87.1672

Rectangle

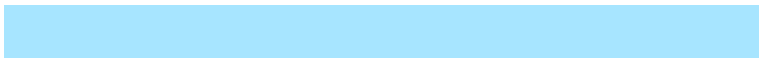
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2244, 73.3543, 42.6999



59.7538, 73.3543, 50.1409



67.2762, 73.3543, 134.0489



80.7393, 73.3543, 119.5021

Sweetspot

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



72.2262, 73.3577, 42.7014



87.4528, 91.5125, 85.6913



63.5225, 49.7365, 58.9561



18.5305, 19.3732, 17.7800



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.



72.2262, 73.3577, 42.7014



68.6195, 68.7139, 33.5775



79.6927, 93.4552, 46.1871



18.9290, 19.8262, 18.9735



27.8333, 23.6778, 3.1033



2.8164, 2.5182, 0.3376

Inverse Universe

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



51.8899, 53.9672, 102.2895



45.5487, 46.7317, 101.2272



46.3622, 39.9666, 99.8785



17.5866, 18.5448, 22.9025



11.9416, 8.7928, 50.5024



1.2653, 1.0613, 4.9514

Previews

White Background



This preview shows how the XYZ color 72.2244, 73.3543, 42.6999 looks on a white background.

Color Contrast Check

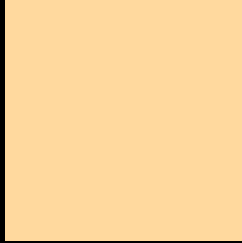
Large Text (above 18pt) WCAG AA × Fail

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 72.2244, 73.3543, 42.6999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

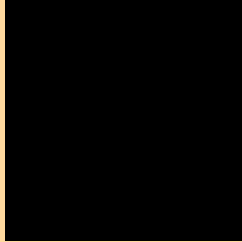
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2244, 73.3543, 42.6999

Background



This preview shows how black text looks on a background with the XYZ color 72.2244, 73.3543, 42.6999.



This preview shows how white text looks on a background with the XYZ color 72.2244, 73.3543,

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

72.2244, 73.3543, 42.6999

Protanopia

68.4016, 73.3059, 43.8020

Deuteranopia

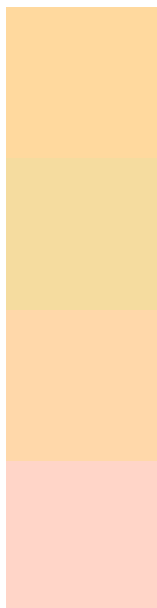
73.7317, 73.5461, 51.9047



Tritanopia

77.9888, 73.2303, 80.5454

Trichromacy



Original Color

72.2244, 73.3543, 42.6999

Protanomaly

69.5074, 73.1021, 43.2476

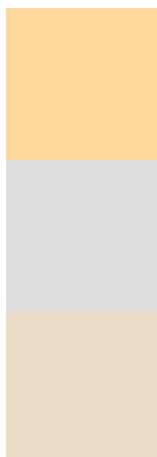
Deuteranomaly

73.0516, 73.2740, 48.3233

Tritanomaly

75.4596, 73.0186, 64.7604

Monochromacy



Original Color

72.2244, 73.3543, 42.6999

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8337, 72.8023, 64.4045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2244, 73.3543, 42.6999 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, 217, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 158)  
}
```

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, 217, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 158) }
```

Border

The CSS property to change the border of an element to XYZ 72.2244, 73.3543, 42.6999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

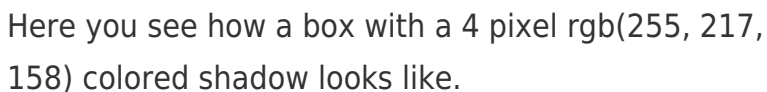
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 158) }
```


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

```
.border{ border-color:rgb(255, 217, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 217, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 158); box-shadow:4px 4px 4px 4px rgb(255, 217, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2244, 73.3543, 42.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 158) }
```

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

```
.background{ background-color: rgb(255,  
217, 158) }
```

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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