

# Converting Colors

XYZ(72.5744, 73.4943, 44.5432)

Have a look what the booklet for XYZ(72.5744, 73.4943, 44.5432) contains.

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# Color

**XYZ(72.5744, 73.4943,  
44.5432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD9A2
RGB	255, 217, 162
RGB Percent	100%, 85%, 64%
CMY	0.0000, 0.1490, 0.3647
CMYK	0.00, 0.15, 0.36, 0.00
HSL	35°, 100%, 82%
HSV	35°, 36%, 100%
XYZ	72.5744, 73.4943, 44.5432
YIQ	222.0920, 40.3030, -9.0490

# Conversions

## Conversions Part 2

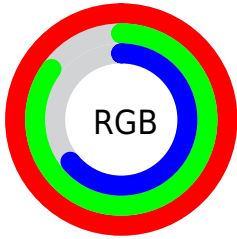
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 255, 162
Decimal	16767394
CIE Lab	88.68, 5.78, 32.02
CIE LCh	89, 32.536, 79.762
Yxy	73.4943, 0.3807, 0.3856
Android (android.graphics.Color)	4294957474 (0xFFFFD9A2)
YUV	222.0920, -29.6254, 28.8603
Hunter-Lab	85.7288, 1.0851, 29.2041

# Details

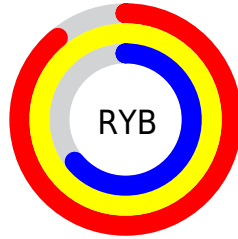
The XYZ color **72.5744, 73.4943, 44.5432** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6040, 56.2081, 102.6317**, and the grayscale version is **69.6805, 73.3093, 79.8338**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **38.7608, 38.8368, 20.2052** is the 20% darker color. If you saturate the color by 10%, you get **67.9330, 67.4784, 32.9243**, and if you desaturate by 10%, it is **77.8487, 80.0399, 58.6422**.

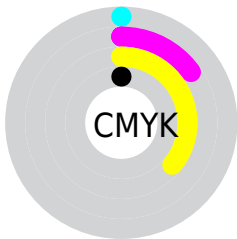
# Distribution



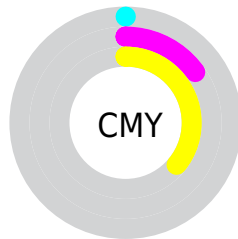
- Red (100%)
- Green (85%)
- Blue (64%)



- Red (89%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5744, 73.4943, 44.5432 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 72.5744, 73.4943, 44.5432 by changing the saturation by 10% instead.





 72.5744, 73.4943,  
44.5432


 72.5744, 73.4943,  
44.5432


458.6651,  
472.7262, 381.0264

 53.9152, 54.3802,  
30.7575


 121.8792,  
124.1787, 83.3457

 38.7642, 38.9057,  
20.1573


 153.2555,  
156.5178, 109.1995

 26.7563, 26.6864,  
12.3242


189.6015,  
194.0340, 139.9131

 17.5259, 17.3378,  
6.8397

231.2826,  
237.1118, 175.9050

 10.7078, 10.4757,  
3.2851

278.6642,  
286.1355, 217.5937

 5.9365, 5.7155,  
1.2420

332.1116,

 2.8468, 2.6728,

341.4896, 265.3978

0.0135

391.9901,  
403.5583, 319.7359

■ 1.0733, 0.9634,  
0.0000

■ 0.0026, 0.0000,  
0.0000

■ 72.5744, 73.4943,  
44.5432

■ 72.5744, 73.4943,  
44.5432

■ 67.9330, 67.4784,  
32.9243

■ 77.8487, 80.0399,  
58.6422

■ 63.8878, 61.9647,  
23.6327

■ 83.7790, 87.1213,  
75.3527

■ 60.4066, 56.9377,  
16.5056

■ 90.3938, 94.7573,  
94.8019

■ 57.4509, 52.3768,  
11.3570

95.0500, 100.0000,  
108.9000

■ 54.9762, 48.2589,  
7.9690

■ 52.9275, 44.5562,  
6.0691

■ 52.2779, 43.3359,  
5.6093

# Harmonies

## Analogous

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



80.0770, 73.4943, 51.3241



72.5744, 73.4943, 44.5432



64.8683, 73.4943, 45.8136

# Triad

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



72.5744, 73.4943, 44.5432



56.5763, 73.4943, 95.5656



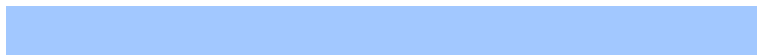
82.0361, 73.4943, 111.3596

# Complementary

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



72.5744, 73.4943, 44.5432



53.6040, 56.2081, 102.6317

# 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.



75.0891, 73.4943, 128.0512



72.5744, 73.4943, 44.5432



60.5406, 73.4943, 117.8139

# Square

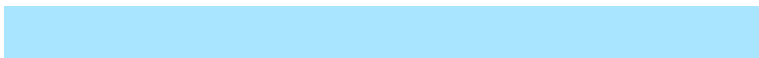
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5744, 73.4943, 44.5432



56.0139, 73.4943, 72.5749



67.2027, 73.4943, 130.6125



85.8048, 73.4943, 87.9635



# Rectangle

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



72.5744, 73.4943, 44.5432



60.6279, 73.4943, 51.1527



67.2027, 73.4943, 130.6125



79.9718, 73.4943, 118.1128

# Sweetspot

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



72.5763, 73.4977, 44.5447



87.3108, 91.2284, 85.6439



64.6740, 51.3067, 61.5995



18.4966, 19.3054, 17.7687



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

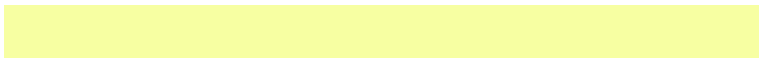
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5763, 73.4977, 44.5447



69.0229, 68.9174, 35.5717



80.7278, 93.9483, 48.0624



18.9025, 19.7732, 18.9647



27.4669, 22.9451, 2.9812



2.7819, 2.4491, 0.3261

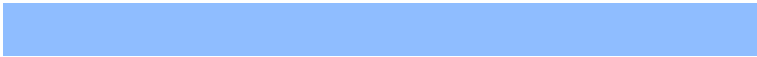


# Inverse Universe

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



53.6040, 56.2081, 102.6317



47.4630, 49.2816, 101.6185



47.4947, 41.5798, 100.1301



17.6124, 18.5963, 22.9111



12.1654, 9.2404, 50.5770



1.2887, 1.1081, 4.9592



# Previews

## White Background



This preview shows how the XYZ color 72.5744, 73.4943, 44.5432 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

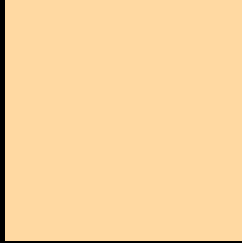
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.5744, 73.4943, 44.5432 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

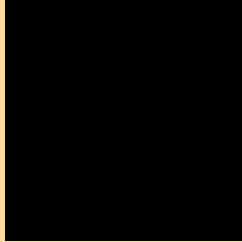
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.5744, 73.4943, 44.5432**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.5744, 73.4943, 44.5432.



This preview shows how white text looks on a background with the XYZ color 72.5744, 73.4943,



# 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

72.5744, 73.4943, 44.5432

### Protanopia

68.6851, 73.8064, 45.7479

### Deuteranopia

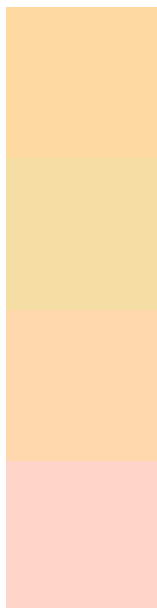
73.9326, 73.6264, 52.9625



## Tritanopia

78.1249, 73.2848, 81.2619

# Trichromacy



## Original Color

72.5744, 73.4943, 44.5432

## Protanomaly

70.1235, 73.7697, 45.1934

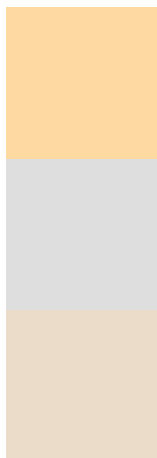
## Deuteranomaly

73.3387, 73.3889, 49.8353

## Tritanomaly

75.6949, 73.1128, 65.9997

# Monochromacy



## Original Color

72.5744, 73.4943, 44.5432

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

69.9502, 72.8490, 65.0181

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.5744, 73.4943, 44.5432 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 162) }
```

## Border

The CSS property to change the border of an element to XYZ 72.5744, 73.4943, 44.5432 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, 162) }
```



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

```
.border{ border-color:rgb(255, 217, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
162) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.5744, 73.4943, 44.5432 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
217, 162) }
```

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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