

# Converting Colors

XYZ(72.6313, 72.5290, 54.9712)

Have a look what the booklet for  
XYZ(72.6313, 72.5290, 54.9712)  
contains.

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# **Color**

**XYZ(72.6313, 72.5290,  
54.9712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD7B7
RGB	251, 215, 183
RGB Percent	98%, 84%, 72%
CMY	0.0157, 0.1568, 0.2823
CMYK	0.00, 0.14, 0.27, 0.02
HSL	28°, 89%, 85%
HSV	28°, 27%, 98%
XYZ	72.6313, 72.5290, 54.9712
YIQ	222.1160, 31.7280, -2.3200

# Conversions

## Conversions Part 2

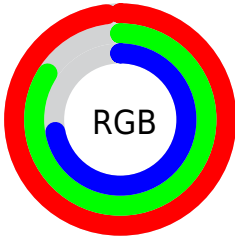
Format	Color
R <sub>Y</sub> B	251, 243, 183
Decimal	16504759
CIE Lab	88.22, 7.89, 20.44
CIE LCh	88, 21.909, 68.903
Yxy	72.5290, 0.3629, 0.3624
Android (android.graphics.Color)	4294694839 (0xFFFBD7B7)
YUV	222.1160, -19.2842, 25.3313
Hunter-Lab	85.1640, 3.1952, 21.3446

# Details

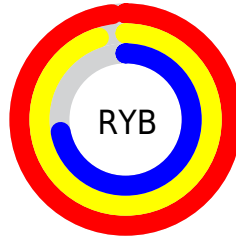
The XYZ color **72.6313, 72.5290, 54.9712** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.2719, 67.6933, 101.0510**, and the grayscale version is **69.6309, 73.2572, 79.7771**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.8482, 38.2227, 26.4493** is the 20% darker color. If you saturate the color by 10%, you get **67.0017, 65.0843, 41.3346**, and if you desaturate by 10%, it is **79.0054, 80.7163, 71.1560**.

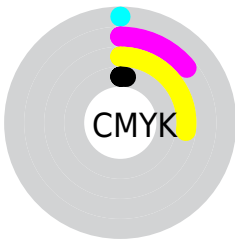
# Distribution



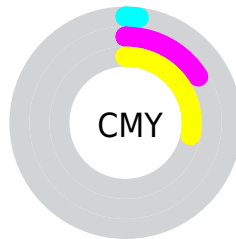
- Red (98%)
- Green (84%)
- Blue (72%)



- Red (98%)
- Yellow (95%)
- Blue (72%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (2%)




- Cyan (2%)
- Magenta (16%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6313, 72.5290, 54.9712 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 72.6313, 72.5290, 54.9712 by changing the saturation by 10% instead.




 72.6313, 72.5290,  
54.9712

 72.6313, 72.5290,  
54.9712

458.8596,  
469.3808, 423.0816

 53.9618, 53.5909,  
38.9802


 121.9596,  
122.8083, 98.9695

 38.8017, 38.2747,  
26.4366


153.3492,  
154.9184, 127.8139

 26.7855, 26.1960,  
16.9219

189.7095,  
192.1879, 161.7798

 17.5480, 16.9703,  
10.0174

231.4059,  
235.0012, 201.2858

 10.7237, 10.2133,  
5.3048

278.8037,  
283.7427, 246.7505

 5.9473, 5.5406,  
2.3653

332.2684,

 2.8534, 2.5678,

338.7969, 298.5923

0.7675

392.1652,  
400.5481, 357.2298

■ 1.0767, 0.9105,  
0.0000

■ 0.0055, 0.0000,  
0.0000

■ 72.6313, 72.5290,  
54.9712

■ 72.6313, 72.5290,  
54.9712

■ 67.0017, 65.0843,  
41.3346

■ 79.0054, 80.7163,  
71.1560

■ 62.0797, 58.3493,  
30.1092

■ 86.1475, 89.6579,  
90.0073

■ 57.8333, 52.3030,  
21.1516

■ 93.5507, 99.1633,  
108.8175

■ 54.2256, 46.9194,  
14.3016

■ 93.5937, 99.2493,  
108.8318

■ 51.2151, 42.1703,  
9.3772

■ 48.7542, 38.0243,  
6.1651

■ 46.7835, 34.4449,  
4.3924

■ 46.2783, 33.4984,  
4.0267

# Harmonies

## Analogous

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



77.0875, 72.5290, 62.1848



72.6313, 72.5290, 54.9712



67.3875, 72.5290, 53.7332

# Triad

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



72.6313, 72.5290, 54.9712



59.4444, 72.5290, 83.5270



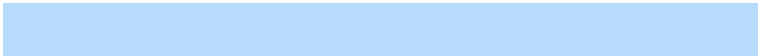
75.4668, 72.5290, 103.6518

# Complementary

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



72.6313, 72.5290, 54.9712



62.2719, 67.6933, 101.0510

# 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.



70.5094, 72.5290, 111.0856



72.6313, 72.5290, 54.9712



61.3816, 72.5290, 98.5368

# Square

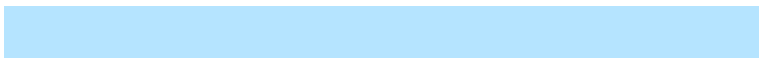
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6313, 72.5290, 54.9712



59.9482, 72.5290, 69.0238



65.3694, 72.5290, 109.1036



78.7815, 72.5290, 89.8324



# Rectangle

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



72.6313, 72.5290, 54.9712



64.1757, 72.5290, 56.2868



65.3694, 72.5290, 109.1036



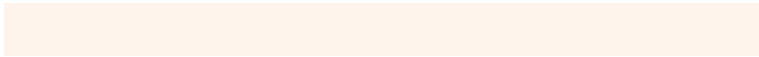
73.9274, 72.5290, 107.0552

# Sweetspot

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



72.6332, 72.5323, 54.9727



88.5890, 92.0578, 91.3944



69.5390, 59.5056, 75.0233



18.7143, 19.3969, 18.9019



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.



72.6332, 72.5323, 54.9727



71.7359, 70.5135, 48.2827



82.1245, 91.5150, 58.1365



17.9183, 18.5724, 18.1028



24.4689, 17.8944, 2.1643

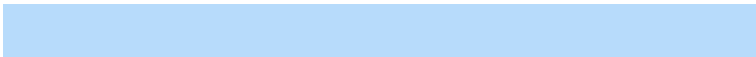


2.3714, 1.8676, 0.2355

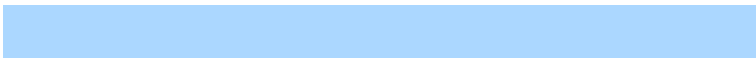


# Inverse Universe

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



62.2719, 67.6933, 101.0510



59.2127, 64.6626, 103.9680



54.3467, 51.8429, 98.4092



17.0437, 18.1641, 21.9930



13.6990, 12.7535, 49.7132



1.3749, 1.3935, 4.6397



# Previews

## White Background



This preview shows how the XYZ color 72.6313, 72.5290, 54.9712 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

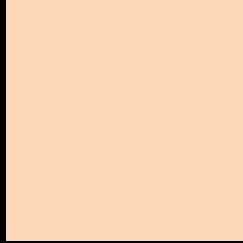
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.6313, 72.5290, 54.9712 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

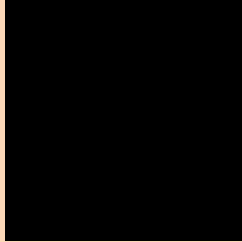
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.6313, 72.5290, 54.9712**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.6313, 72.5290, 54.9712.



This preview shows how white text looks on a background with the XYZ color 72.6313, 72.5290,

54.9712.

# 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

72.6313, 72.5290, 54.9712

### Protanopia

68.6511, 72.7505, 56.8783

### Deuteranopia

73.7912, 72.3513, 55.9749



## Tritanopia

77.6311, 72.2972, 81.0973

# Trichromacy



## Original Color

72.6313, 72.5290, 54.9712

## Protanomaly

70.0237, 72.6911, 56.2391

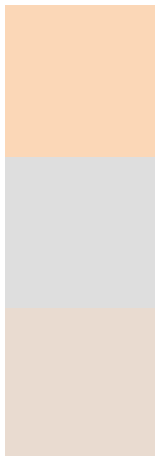
## Deuteranomaly

73.5713, 72.6247, 55.4877

## Tritanomaly

75.8002, 72.3125, 70.9354

# Monochromacy



## Original Color

72.6313, 72.5290, 54.9712

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.3210, 72.5407, 69.9700

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.6313, 72.5290, 54.9712 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(251, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 183)  
}
```

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(251, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 72.6313, 72.5290, 54.9712 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(251, 215, 183) }
```



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

```
.border{ border-color:rgb(251, 215, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 215, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 215, 183);  
box-shadow:4px 4px 4px 4px rgb(251, 215,  
183) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.6313, 72.5290, 54.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 183) }
```

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

```
.background{ background-color: rgb(251,  
215, 183) }
```

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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