

# Converting Colors

XYZ(72.3894, 73.5113, 61.0554)

Have a look what the booklet for  
XYZ(72.3894, 73.5113, 61.0554)  
contains.

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# **Color**

**XYZ(72.3532, 73.4055,  
60.8073)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5DAC1
RGB	245, 218, 193
RGB Percent	96%, 85%, 76%
CMY	0.0392, 0.1451, 0.2431
CMYK	0.00, 0.11, 0.21, 0.04
HSL	29°, 72%, 86%
HSV	29°, 21%, 96%
XYZ	72.3532, 73.4055, 60.8073
YIQ	223.2230, 24.1170, -2.0510

# Conversions

## Conversions Part 2

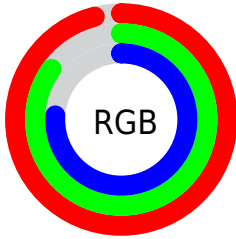
Format	Color
R <sub>Y</sub> B	245, 241, 193
Decimal	16112321
CIE Lab	88.64, 5.50, 15.71
CIE LCh	89, 16.649, 70.711
Yxy	73.4055, 0.3503, 0.3554
Android (android.graphics.Color)	4294302401 (0xFFF5DAC1)
YUV	223.2230, -14.8999, 19.0984
Hunter-Lab	85.6770, 0.8063, 17.8942

# Details

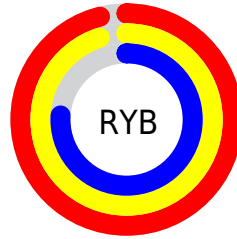
The XYZ color **72.3532, 73.4055, 60.8073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0665, 69.1147, 96.3504**, and the grayscale version is **70.3900, 74.0557, 80.6467**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.4964, 38.7498, 29.8766** is the 20% darker color. If you saturate the color by 10%, you get **66.6712, 66.0586, 46.5279**, and if you desaturate by 10%, it is **78.7451, 81.4464, 77.5587**.

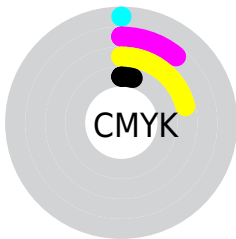
# Distribution



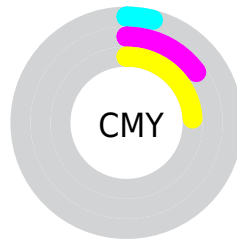
- Red (96%)
- Green (85%)
- Blue (76%)



- Red (96%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3532, 73.4055, 60.8073 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 72.3532, 73.4055, 60.8073 by changing the saturation by 10% instead.




 72.3532, 73.4055,  
60.8073

 72.3532, 73.4055,  
60.8073


457.9086,  
472.4190, 445.4541

 53.7337, 54.3076,  
43.6401


 121.5666,  
124.0527, 107.5547

 38.6187, 38.8476,  
30.0526


152.8913,  
156.3708, 137.9720

 26.6426, 26.6412,  
19.6261


189.1818,  
193.8644, 173.6430

 17.4402, 17.3040,  
11.9422

230.8035,  
236.9179, 214.9864

 10.6461, 10.4514,  
6.5823

278.1216,  
285.9157, 262.4207

 5.8949, 5.6993,  
3.1278

331.5016,

 2.8213, 2.6631,

341.2423, 316.3644

1.1603

391.3088,  
403.2819, 377.2360

■ 1.0600, 0.9585,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 72.3532, 73.4055,  
60.8073

■ 72.3532, 73.4055,  
60.8073

■ 66.6712, 66.0586,  
46.5279

■ 78.7451, 81.4464,  
77.5587

■ 61.6652, 59.3755,  
34.5967

■ 85.8672, 90.1906,  
96.8886

■ 57.3072, 53.3383,  
24.8860

■ 91.4664, 98.1526,  
108.7323

■ 53.5646, 47.9241,  
17.2539

■ 50.4014, 43.1084,  
11.5420

■ 47.7769, 38.8645,  
7.5684

■ 45.6432, 35.1622,  
5.1154

■ 44.1126, 32.3251,  
3.9144

# Harmonies

## Analogous

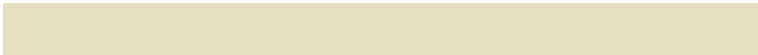
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7917, 73.4055, 66.3450



72.3532, 73.4055, 60.8073



68.3436, 73.4055, 60.0962

# Triad

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



72.3532, 73.4055, 60.8073



62.4502, 73.4055, 84.1095



74.9314, 73.4055, 97.8994

# Complementary

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



72.3532, 73.4055, 60.8073



64.0665, 69.1147, 96.3504

# 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.



71.2155, 73.4055, 103.6989



72.3532, 73.4055, 60.8073



64.0755, 73.4055, 95.2446

# Square

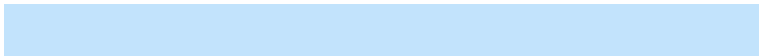
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3532, 73.4055, 60.8073



62.7284, 73.4055, 72.8373



67.2485, 73.4055, 102.6832



77.3192, 73.4055, 87.4606



# Rectangle

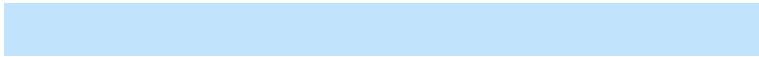
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3532, 73.4055, 60.8073



65.8978, 73.4055, 62.3715



67.2485, 73.4055, 102.6832



73.7904, 73.4055, 100.4994

# Sweetspot

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



72.3552, 73.4088, 60.8088



90.2019, 94.0900, 95.6116



69.7425, 62.7595, 76.6592



19.1978, 20.0051, 20.1688



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.



72.3552, 73.4088, 60.8088



76.7676, 77.2247, 60.2944



79.4128, 87.5242, 63.1614



17.1567, 17.7974, 17.3286



23.9013, 17.6883, 2.1544



2.2030, 1.7593, 0.2235

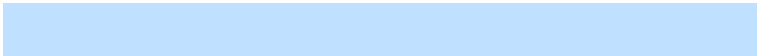


# Inverse Universe

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



64.0665, 69.1147, 96.3504



66.3473, 71.8258, 104.9746



57.9300, 56.8418, 94.3050



16.2929, 17.3500, 21.0327



13.1202, 12.0341, 48.1693

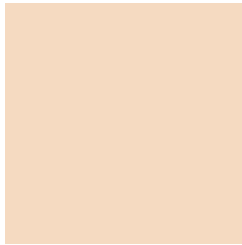


1.2560, 1.2635, 4.2679



# Previews

## White Background



This preview shows how the XYZ color 72.3532, 73.4055, 60.8073 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 72.3532, 73.4055, 60.8073 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

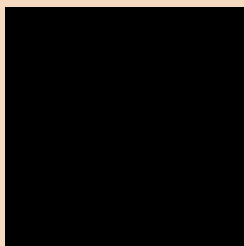
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.3532, 73.4055, 60.8073**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.3532, 73.4055, 60.8073.



This preview shows how white text looks on a background with the XYZ color 72.3532, 73.4055,



# 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

72.3532, 73.4055, 60.8073

### Protanopia

69.5759, 73.5063, 62.1509

### Deuteranopia

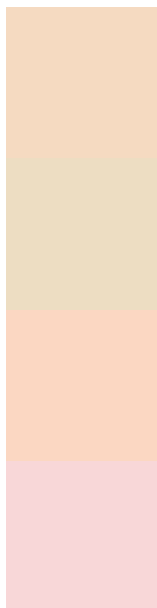
75.0242, 73.2482, 61.2230



## Tritanopia

77.3614, 73.5696, 84.2517

# Trichromacy



## Original Color

72.3532, 73.4055, 60.8073

## Protanomaly

70.5191, 73.6125, 61.5308

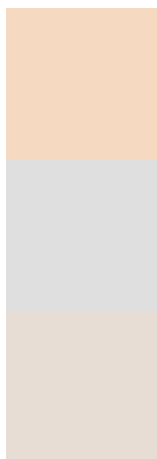
## Deuteranomaly

73.8217, 73.0051, 61.2395

## Tritanomaly

75.4065, 73.5152, 75.1812

# Monochromacy



## Original Color

72.3532, 73.4055, 60.8073

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

70.6951, 73.4553, 72.7396

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.3532, 73.4055, 60.8073 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(245, 218, 193)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 193)  
}
```

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(245, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 72.3532, 73.4055, 60.8073 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(245, 218, 193) }
```



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

```
.border{ border-color:rgb(245, 218, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 193);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.3532, 73.4055, 60.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 193) }
```

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

```
.background{ background-color: rgb(245,  
218, 193) }
```

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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