

# Converting Colors

XYZ(72.0359, 72.2924, 65.1667)

Have a look what the booklet for  
XYZ(72.0359, 72.2924, 65.1667)  
contains.

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# **Color**

**XYZ(72.0606, 72.3835,  
65.4317)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3D8C9
RGB	243, 216, 201
RGB Percent	95%, 85%, 79%
CMY	0.0471, 0.1529, 0.2118
CMYK	0.00, 0.11, 0.17, 0.05
HSL	21°, 64%, 87%
HSV	21°, 17%, 95%
XYZ	72.0606, 72.3835, 65.4317
YIQ	222.3630, 20.9070, 1.0590

# Conversions

## Conversions Part 2

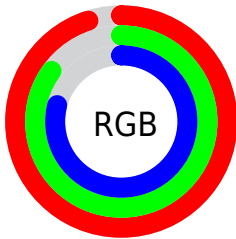
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 224, 201
Decimal	15980745
CIE Lab	88.15, 6.99, 10.80
CIE LCh	88, 12.863, 57.100
Yxy	72.3835, 0.3433, 0.3449
Android (android.graphics.Color)	4294170825 (0xFFFF3D8C9)
YUV	222.3630, -10.5320, 18.0986
Hunter-Lab	85.0785, 2.3003, 13.9565

# Details

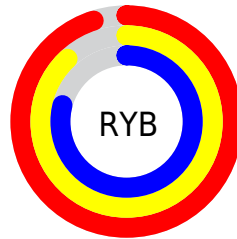
The XYZ color **72.0606, 72.3835, 65.4317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0079, 74.3735, 95.5656**, and the grayscale version is **69.7512, 73.3837, 79.9148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5048, 38.1611, 32.9402** is the 20% darker color. If you saturate the color by 10%, you get **65.6125, 63.7055, 50.2774**, and if you desaturate by 10%, it is **79.3452, 82.0097, 83.0976**.

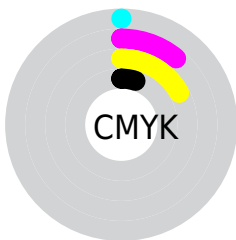
# Distribution



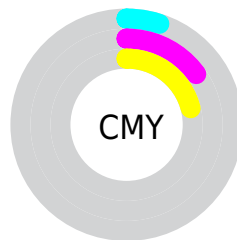
- Red (95%)
- Green (85%)
- Blue (79%)



- Red (95%)
- Yellow (88%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0606, 72.3835, 65.4317 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 72.0606, 72.3835, 65.4317 by changing the saturation by 10% instead.




 72.0606, 72.3835,  
65.4317

 72.0606, 72.3835,  
65.4317


456.9069,  
468.8753, 462.6903

 53.4938, 53.4720,  
47.3577


121.1530,  
122.6016, 114.2895

 38.4262, 38.1797,  
32.9621


152.4094,  
154.6770, 145.9103

 26.4923, 26.1222,  
21.8265


188.6263,  
191.9092, 182.8838

 17.3269, 16.9151,  
13.5324

230.1691,  
234.6825, 225.6285

 10.5646, 10.1740,  
7.6612

277.4033,  
283.3814, 274.5630

 5.8400, 5.5145,  
3.7943

330.6940,

 2.7878, 2.5522,

338.3902, 330.1057

1.5132

390.4068,  
400.0934, 392.6753

■ 1.0425, 0.9027,  
0.2277

■ 0.0000, 0.0000,  
0.0000

■ 72.0606, 72.3835,  
65.4317

■ 72.0606, 72.3835,  
65.4317

■ 65.6125, 63.7055,  
50.2774

■ 79.3452, 82.0097,  
83.0976

■ 59.9634, 55.9362,  
37.5148

■ 87.4905, 92.6024,  
103.3782

■ 55.0812, 49.0478,  
27.0211

■ 90.7723, 97.7948,  
108.6998

■ 50.9294, 43.0071,  
18.6608

■ 47.4679, 37.7786,  
12.2833

■ 44.6525, 33.3240,  
7.7185

■ 42.4323, 29.6010,  
4.7666

■ 40.7445, 26.5611,  
3.1689

■ 40.3555, 25.8411,  
2.8609

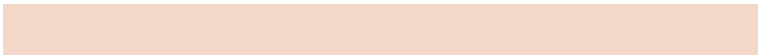
# Harmonies

## Analogous

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



74.1980, 72.3835, 71.3472



72.0606, 72.3835, 65.4317



69.0979, 72.3835, 63.0804

# Triad

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



72.0606, 72.3835, 65.4317



63.0598, 72.3835, 77.9597



71.5276, 72.3835, 94.8714

# Complementary

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



72.0606, 72.3835, 65.4317



68.0079, 74.3735, 95.5656

# 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.



68.4996, 72.3835, 96.9662



72.0606, 72.3835, 65.4317



63.6672, 72.3835, 86.7829

# Square

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



72.0606, 72.3835, 65.4317



63.9517, 72.3835, 69.9676



65.6361, 72.3835, 93.9053



73.8838, 72.3835, 88.3748



# Rectangle

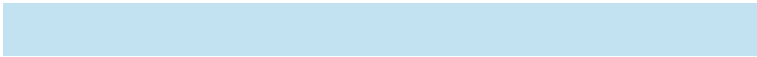
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0606, 72.3835, 65.4317



67.0741, 72.3835, 63.7092



65.6361, 72.3835, 93.9053



70.5519, 72.3835, 96.1338

# Sweetspot

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



72.0626, 72.3867, 65.4332



90.5058, 94.0882, 97.5921



71.8948, 66.4470, 82.6543



19.2395, 19.9656, 20.5613



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

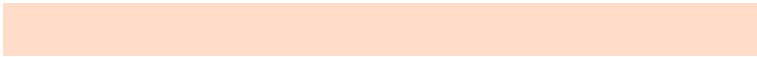


# Same Dimension

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



72.0626, 72.3867, 65.4332



77.5817, 76.9903, 66.3079



77.7028, 83.6671, 67.3133



16.9836, 17.4513, 17.2709



22.2639, 14.4134, 1.6086

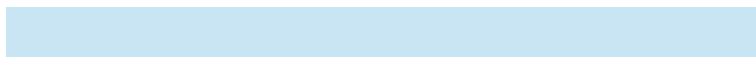


2.0503, 1.4538, 0.1725

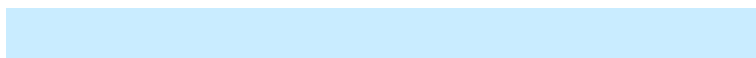


# Inverse Universe

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



68.0079, 74.3735, 95.5656



72.2162, 79.6154, 106.1688



62.6515, 63.6607, 93.7801



16.4697, 17.7036, 21.0917



15.5529, 16.8996, 48.9802

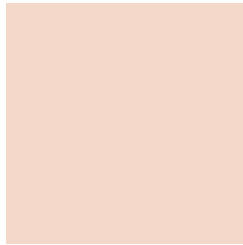


1.4638, 1.6791, 4.3372



# Previews

## White Background



This preview shows how the XYZ color 72.0606, 72.3835, 65.4317 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

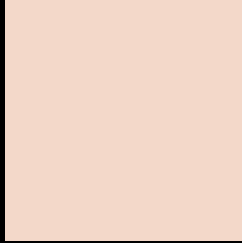
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.0606, 72.3835, 65.4317 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 72.0606, 72.3835, 65.4317**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.0606, 72.3835, 65.4317.



This preview shows how white text looks on a background with the XYZ color 72.0606, 72.3835,

65.4317.

# 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

72.0606, 72.3835, 65.4317

### Protanopia

68.6858, 72.1562, 66.8073

### Deuteranopia

73.8793, 72.1768, 65.9148



## Tritanopia

75.9048, 72.4626, 83.3848

# Trichromacy



## Original Color

72.0606, 72.3835, 65.4317

## Protanomaly

69.9239, 72.4197, 66.1701

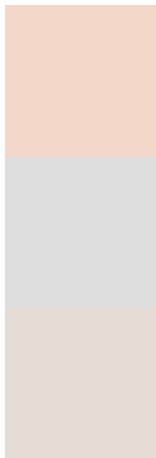
## Deuteranomaly

73.0650, 72.1316, 65.9490

## Tritanomaly

74.4552, 72.2433, 76.3498

# Monochromacy



## Original Color

72.0606, 72.3835, 65.4317

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.3639, 72.8644, 73.9740

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.0606, 72.3835, 65.4317 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(243, 216, 201)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 201)  
}
```

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(243, 216, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 72.0606, 72.3835, 65.4317 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(243, 216, 201) }
```



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

```
.border{ border-color:rgb(243, 216, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 201);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.0606, 72.3835, 65.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 201) }
```

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

```
.background{ background-color: rgb(243,  
216, 201) }
```

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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