

# Converting Colors

XYZ(73.0694, 71.7579, 74.3949)

Have a look what the booklet for  
XYZ(73.0694, 71.7579, 74.3949)  
contains.

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# Color

**XYZ(73.2745, 72.0541,  
74.3358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D6D7
RGB	243, 214, 215
RGB Percent	95%, 84%, 84%
CMY	0.0471, 0.1608, 0.1569
CMYK	0.00, 0.12, 0.12, 0.05
HSL	358°, 55%, 90%
HSV	358°, 12%, 95%
XYZ	73.2745, 72.0541, 74.3358
YIQ	222.7850, 16.9630, 6.4590

# Conversions

## Conversions Part 2

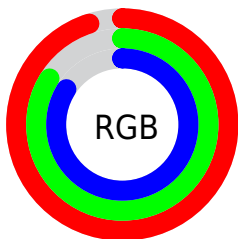
Format	Color
R <sub>Y</sub> B	243, 214, 215
Decimal	15980247
CIE Lab	87.99, 10.21, 3.19
CIE LCh	88, 10.702, 17.366
Yxy	72.0541, 0.3336, 0.3280
Android (android.graphics.Color)	4294170327 (0xFFFF3D6D7)
YUV	222.7850, -3.8380, 17.7286
Hunter-Lab	84.8847, 5.5373, 7.4974

# Details

The XYZ color **73.2745, 72.0541, 74.3358** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8120, 84.8100, 96.3829**, and the grayscale version is **70.0063, 73.6521, 80.2071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2368, 37.8991, 38.5050** is the 20% darker color. If you saturate the color by 10%, you get **64.7754, 59.5396, 57.6782**, and if you desaturate by 10%, it is **83.1276, 86.5828, 93.5800**.

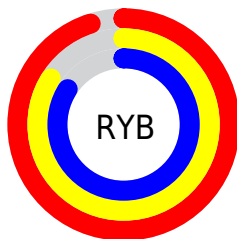
# Distribution



Red (95%)

Green (84%)

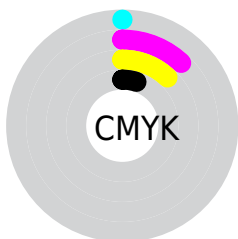
Blue (84%)



Red (95%)

Yellow (84%)

Blue (84%)

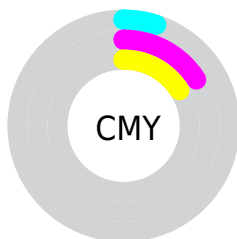


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (5%)



Cyan (5%)

Magenta (16%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2745, 72.0541, 74.3358 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 73.2745, 72.0541, 74.3358 by changing the saturation by 10% instead.




 73.2745, 72.0541,  
74.3358

 73.2745, 72.0541,  
74.3358


461.0547,  
467.7299, 494.8259

 54.4896, 53.2029,  
54.5705


122.8679,  
122.1334, 127.1101

 39.2255, 37.9647,  
38.6617


154.4070,  
154.1303, 160.9562

 27.1167, 25.9553,  
26.1908


190.9284,  
191.2779, 200.3330

 17.7979, 16.7902,  
16.7394

232.7972,  
233.9606, 245.6590

 10.9038, 10.0850,  
9.8889

280.3789,  
282.5627, 297.3527

 6.0690, 5.4554,  
5.2207

334.0388,

 2.9281, 2.5168,

337.4687, 355.8328

2.3163

394.1423,  
399.0630, 421.5176

■ 1.1159, 0.8851,  
0.7403

■ 0.0383, 0.0000,  
0.0000

■ 73.2745, 72.0541,  
74.3358

■ 73.2745, 72.0541,  
74.3358

■ 64.7754, 59.5396,  
57.6782

■ 83.1276, 86.5828,  
93.5800

■ 57.5654, 48.9414,  
43.4927

■ 90.7726, 97.7949,  
108.6998

■ 51.5834, 40.1679,  
31.6629

■ 46.7609, 33.1160,  
22.0614

■ 43.0228, 27.6727,  
14.5484

■ 40.2852, 23.7112,  
8.9688

■ 38.4516, 21.0859,  
5.1456

■ 37.4069, 19.6218,  
2.8696

■ 37.0083, 19.0732,  
1.9706

# Harmonies

## Analogous

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



73.3842, 72.0541, 81.5677



73.2745, 72.0541, 74.3358



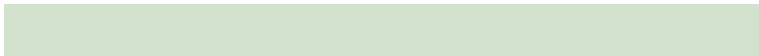
71.8617, 72.0541, 68.5664

# Triad

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



73.2745, 72.0541, 74.3358



64.9394, 72.0541, 69.3189



67.4179, 72.0541, 92.9770

# Complementary

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



73.2745, 72.0541, 74.3358



75.8120, 84.8100, 96.3829

# 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.



65.2162, 72.0541, 89.2506



73.2745, 72.0541, 74.3358



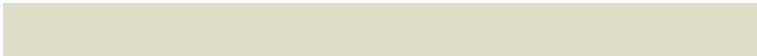
63.8093, 72.0541, 75.4219

# Square

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



73.2745, 72.0541, 74.3358



67.0316, 72.0541, 65.7958



63.9094, 72.0541, 82.7229



69.9598, 72.0541, 92.6412



# Rectangle

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



73.2745, 72.0541, 74.3358



70.3904, 72.0541, 66.1894



63.9094, 72.0541, 82.7229



66.6148, 72.0541, 92.1487

# Sweetspot

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



73.2765, 72.0573, 74.3373



90.3363, 93.0456, 99.7049



76.6900, 73.3651, 94.9139



19.1520, 19.6446, 20.9823



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.



73.2765, 72.0573, 74.3373



79.6379, 77.2749, 78.7942



76.5847, 78.8778, 74.8106



16.5222, 16.4917, 17.2305



20.3212, 10.4719, 1.1338



1.7940, 0.9236, 0.1415



# Inverse Universe

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



73.2765, 72.0573, 74.3373



79.6379, 77.2749, 78.7942



72.1949, 77.3357, 95.9172



16.5222, 16.4917, 17.2305



20.3212, 10.4719, 1.1338

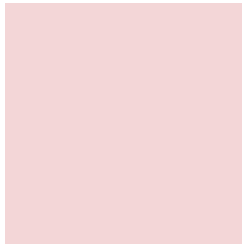


1.7940, 0.9236, 0.1415



# Previews

## White Background



This preview shows how the XYZ color 73.2745, 72.0541, 74.3358 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

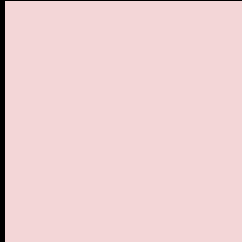
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.2745, 72.0541, 74.3358 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

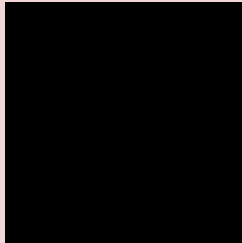
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.2745, 72.0541, 74.3358**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.2745, 72.0541, 74.3358.



This preview shows how white text looks on a background with the XYZ color 73.2745, 72.0541,

74.3358.

# 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

73.2745, 72.0541, 74.3358

### Protanopia

69.2994, 72.2559, 76.6240

### Deuteranopia

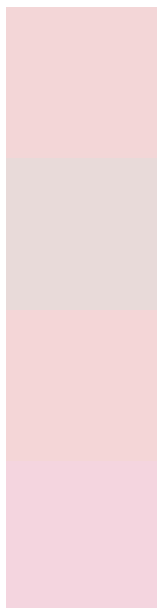
73.6205, 72.2325, 74.3520



## **Tritanopia**

75.2033, 72.1009, 83.3520

# Trichromacy



## Original Color

73.2745, 72.0541, 74.3358

## Protanomaly

70.8745, 72.3084, 75.8671

## Deuteranomaly

73.6205, 72.2325, 74.3520

## Tritanomaly

74.4218, 72.1493, 79.8158

# Monochromacy



## Original Color

73.2745, 72.0541, 74.3358

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.1446, 73.1767, 78.0849

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.2745, 72.0541, 74.3358 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, 214, 215) looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 215)  
}
```

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, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 73.2745, 72.0541, 74.3358 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, 214, 215) }
```



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

```
.border{ border-color:rgb(243, 214, 215) }
```

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

Here you see how a box with a 4 pixel rgb(243, 214, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.2745, 72.0541, 74.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 215) }
```

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

```
.background{ background-color: rgb(243,  
214, 215) }
```

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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