

# Converting Colors

XYZ(73.0906, 72.2991, 78.6275)

Have a look what the booklet for XYZ(73.0906, 72.2991, 78.6275) contains.

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# Color

**XYZ(72.9482, 72.1721,  
78.4924)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFD7DD
RGB	239, 215, 221
RGB Percent	94%, 84%, 87%
CMY	0.0627, 0.1568, 0.1333
CMYK	0.00, 0.10, 0.08, 0.06
HSL	345°, 43%, 89%
HSV	345°, 10%, 94%
XYZ	72.9482, 72.1721, 78.4924
YIQ	222.8600, 12.3780, 6.9540

# Conversions

## Conversions Part 2

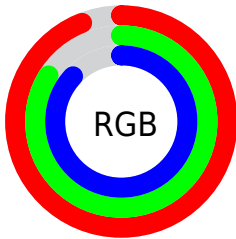
Format	Color
R <sub>Y</sub> B	239, 215, 221
Decimal	15718365
CIE Lab	88.05, 9.29, 0.07
CIE LCh	88, 9.289, 0.426
Yxy	72.1721, 0.3262, 0.3228
Android (android.graphics.Color)	4293908445 (0xFFEFD7DD)
YUV	222.8600, -0.9170, 14.1548
Hunter-Lab	84.9542, 4.6041, 4.6876

# Details

The XYZ color **72.9482, 72.1721, 78.4924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6016, 82.0651, 89.0558**, and the grayscale version is **70.0418, 73.6894, 80.2478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9822, 37.9621, 41.3492** is the 20% darker color. If you saturate the color by 10%, you get **65.0391, 59.9739, 64.6938**, and if you desaturate by 10%, it is **82.0055, 86.2567, 93.9339**.

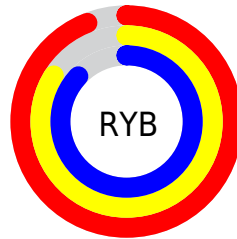
# Distribution



Red (94%)

Green (84%)

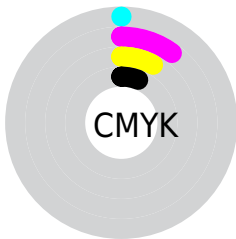
Blue (87%)



Red (94%)

Yellow (84%)

Blue (87%)

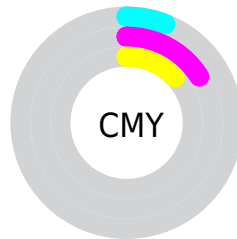


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (6%)



Cyan (6%)

Magenta (16%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9482, 72.1721, 78.4924 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 72.9482, 72.1721, 78.4924 by changing the saturation by 10% instead.




 72.9482, 72.1721,  
78.4924

 72.9482, 72.1721,  
78.4924

459.9418,  
468.1404, 509.4096

 54.2218, 53.2993,  
57.9597


122.4072,  
122.3012, 133.0362

 39.0104, 38.0417,  
41.3618


153.8705,  
154.3262, 167.8844

 26.9486, 26.0151,  
28.2800


190.3103,  
191.5041, 208.3415

 17.6710, 16.8349,  
18.2960

232.0917,  
234.2193, 254.8260

 10.8123, 10.1169,  
10.9911

279.5802,  
282.8561, 307.7566

 6.0071, 5.4765,  
5.9467

333.1412,

 2.8901, 2.5295,

337.7990, 367.5517

2.7445

393.1399,  
399.4323, 434.6298

■ 1.0959, 0.8913,  
0.9657

■ 0.0217, 0.0000,  
0.0000

■ 72.9482, 72.1721,  
78.4924

■ 72.9482, 72.1721,  
78.4924

■ 65.0391, 59.9739,  
64.6938

■ 82.0055, 86.2567,  
93.9339

■ 58.2257, 49.5726,  
52.4789

■ 89.4070, 97.0909,  
108.6359

■ 52.4605, 40.8857,  
41.7911

■ 47.6900, 33.8204,  
32.5691

■ 43.8561, 28.2751,  
24.7471

■ 40.8939, 24.1368,  
18.2541

■ 38.7305, 21.2762,  
13.0123

■ 37.2796, 19.5402,  
8.9350

■ 36.4052, 18.6742,  
5.9218

# Harmonies

## Analogous

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



72.3714, 72.1721, 84.7627



72.9482, 72.1721, 78.4924



72.3385, 72.1721, 72.5623

# Triad

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



72.9482, 72.1721, 78.4924



66.4616, 72.1721, 68.5209



66.5153, 72.1721, 89.6843

# Complementary

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



72.9482, 72.1721, 78.4924



73.6016, 82.0651, 89.0558

# 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.



64.9876, 72.1721, 84.9282



72.9482, 72.1721, 78.4924



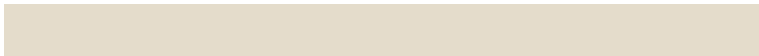
64.9570, 72.1721, 72.7115

# Square

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



72.9482, 72.1721, 78.4924



68.5657, 72.1721, 66.9984



64.4232, 72.1721, 78.6740



68.6291, 72.1721, 91.4318



# Rectangle

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



72.9482, 72.1721, 78.4924



71.3486, 72.1721, 69.5451



64.4232, 72.1721, 78.6740



65.9179, 72.1721, 88.3722

# Sweetspot

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



72.9502, 72.1753, 78.4939



91.7476, 94.8517, 103.3091



73.4871, 72.1599, 91.7173



19.4533, 20.0150, 21.7990



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

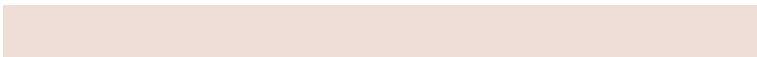
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9502, 72.1753, 78.4939



82.5753, 80.6154, 87.5863



73.7211, 74.9729, 74.8795



15.9348, 15.8236, 17.2129



20.1622, 10.3373, 3.5046



1.7159, 0.8754, 0.4946



# Inverse Universe

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



72.9502, 72.1753, 78.4939



82.5753, 80.6154, 87.5863



72.7458, 78.9591, 93.0688



15.9348, 15.8236, 17.2129



20.1622, 10.3373, 3.5046

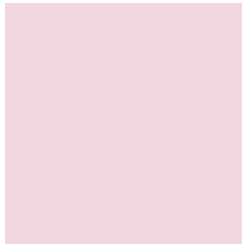


1.7159, 0.8754, 0.4946



# Previews

## White Background



This preview shows how the XYZ color 72.9482, 72.1721, 78.4924 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

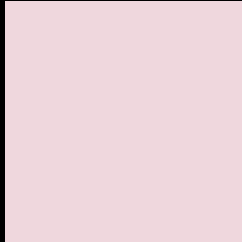
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 72.9482, 72.1721, 78.4924 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

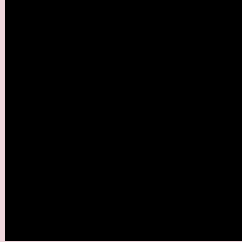
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 72.9482, 72.1721, 78.4924**

## **Background**



This preview shows how black text looks on a background with the XYZ color 72.9482, 72.1721, 78.4924.



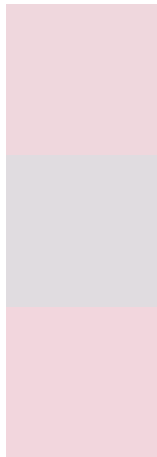
This preview shows how white text looks on a background with the XYZ color 72.9482, 72.1721,

78.4924.

# 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

72.9482, 72.1721, 78.4924

### Protanopia

69.7882, 72.4155, 80.8204

### Deuteranopia

73.7157, 72.1908, 78.4556



## Tritanopia

74.2647, 72.3316, 84.9101

# Trichromacy



## Original Color

72.9482, 72.1721, 78.4924

## Protanomaly

70.7038, 72.1285, 80.0077

## Deuteranomaly

73.3733, 72.0144, 78.4396

## Tritanomaly

73.8469, 72.1645, 82.7100

# Monochromacy



## Original Color

72.9482, 72.1721, 78.4924

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.0911, 73.1183, 79.4736

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 72.9482, 72.1721, 78.4924 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(239, 215, 221) looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 221)  
}
```

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(239, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 72.9482, 72.1721, 78.4924 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(239, 215, 221) }
```



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

```
.border{ border-color:rgb(239, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.9482, 72.1721, 78.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 221) }
```

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

```
.background{ background-color: rgb(239,  
215, 221) }
```

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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