

# Converting Colors

XYZ(71.1926, 72.4902, 77.2949)

Have a look what the booklet for  
XYZ(71.1926, 72.4902, 77.2949)  
contains.

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# Color

**XYZ(71.1363, 72.4131,  
77.2457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8DADB
RGB	232, 218, 219
RGB Percent	91%, 85%, 86%
CMY	0.0902, 0.1451, 0.1412
CMYK	0.00, 0.06, 0.06, 0.09
HSL	356°, 23%, 88%
HSV	356°, 6%, 91%
XYZ	71.1363, 72.4131, 77.2457
YIQ	222.3000, 8.0230, 3.2790

# Conversions

## Conversions Part 2

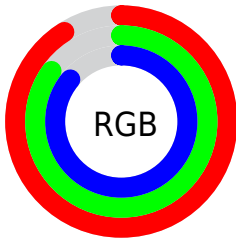
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 218, 219
Decimal	15260379
CIE Lab	88.17, 4.97, 1.22
CIE LCh	88, 5.116, 13.831
Yxy	72.4131, 0.3222, 0.3280
Android (android.graphics.Color)	4293450459 (0xFFE8DADB)
YUV	222.3000, -1.6269, 8.5069
Hunter-Lab	85.0959, 0.3001, 5.7467

# Details

The XYZ color **71.1363, 72.4131, 77.2457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1966, 78.3900, 86.9308**, and the grayscale version is **69.6521, 73.2794, 79.8012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7025, 38.1048, 40.4898** is the 20% darker color. If you saturate the color by 10%, you get **62.8806, 60.1511, 61.3917**, and if you desaturate by 10%, it is **80.6054, 86.5125, 95.3178**.

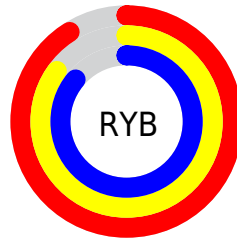
# Distribution



Red (91%)

Green (85%)

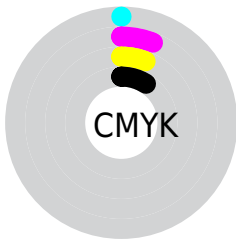
Blue (86%)



Red (91%)

Yellow (85%)

Blue (86%)

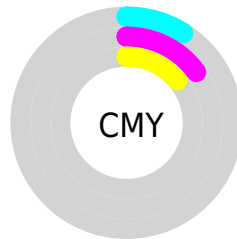


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1363, 72.4131, 77.2457 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 71.1363, 72.4131, 77.2457 by changing the saturation by 10% instead.



71.1363, 72.4131,  
77.2457

71.1363, 72.4131,  
77.2457

453.7342,  
468.9782, 505.0612

52.7364, 53.4962,  
56.9418

119.8452,  
122.6437, 131.2624

37.8190, 38.1990,  
40.5495

150.8850,  
154.7261, 165.8123

26.0188, 26.1372,  
27.6502

186.8687,  
191.9659, 205.9480

16.9705, 16.9263,  
17.8254

228.1617,  
234.7474, 252.0879

10.3086, 10.1820,  
10.6565

275.1294,  
283.4549, 304.6506

5.6679, 5.5198,  
5.7251

328.1371,

2.6829, 2.5553,

338.4730, 364.0548

2.6126

387.5503,  
400.1859, 430.7188

■ 0.9884, 0.9043,  
0.8990

■ 0.0000, 0.0000,  
0.0000

■ 71.1363, 72.4131,  
77.2457

■ 71.1363, 72.4131,  
77.2457

■ 62.8806, 60.1511,  
61.3917

■ 80.6054, 86.5125,  
95.3178

■ 55.7835, 49.6418,  
47.6659

■ 87.0891, 95.8960,  
108.5274

■ 49.7950, 40.8081,  
35.9791

■ 44.8589, 33.5633,  
26.2339

■ 40.9143, 27.8131,  
18.3250

■ 37.8940, 23.4531,  
12.1373

■ 35.7224, 20.3655,  
7.5423

■ 34.3118, 18.4131,  
4.3938

■ 33.5551, 17.4263,  
2.5181

# Harmonies

## Analogous

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



71.1109, 72.4131, 80.7367



71.1363, 72.4131, 77.2457



70.5376, 72.4131, 74.2708

# Triad

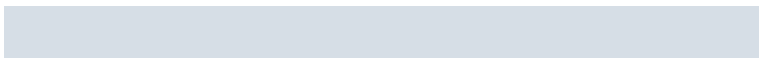
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1363, 72.4131, 77.2457



67.2100, 72.4131, 74.0842



68.1734, 72.4131, 85.4956

# Complementary

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



71.1363, 72.4131, 77.2457



72.1966, 78.3900, 86.9308

# 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.



67.1432, 72.4131, 83.6045



71.1363, 72.4131, 77.2457



66.5915, 72.4131, 76.9841

# Square

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



71.1363, 72.4131, 77.2457



68.2656, 72.4131, 72.4823



66.5672, 72.4131, 80.4674



69.3905, 72.4131, 85.5707



# Rectangle

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



71.1363, 72.4131, 77.2457



69.8693, 72.4131, 72.9516



66.5672, 72.4131, 80.4674



67.7941, 72.4131, 85.0487

# Sweetspot

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



71.1383, 72.4163, 77.2473



92.6911, 96.4877, 104.3974



72.5402, 72.9334, 86.5991



19.8644, 20.6891, 22.3925



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.



71.1383, 72.4163, 77.2473



87.0621, 88.1131, 93.6319



72.5466, 75.4420, 77.0716



14.7604, 14.8928, 15.7933



18.5458, 9.5525, 1.2372



1.3851, 0.7118, 0.1686



# Inverse Universe

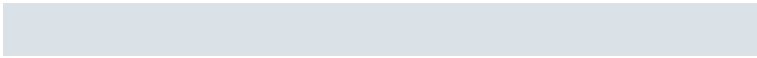
The Inverse Universe completely reimagines the original color for something new.



71.1383, 72.4163, 77.2473



87.0621, 88.1131, 93.6319



70.7233, 75.2176, 87.1358



14.7604, 14.8928, 15.7933



18.5458, 9.5525, 1.2372

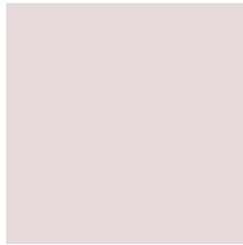


1.3851, 0.7118, 0.1686



# Previews

## White Background



This preview shows how the XYZ color 71.1363, 72.4131, 77.2457 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

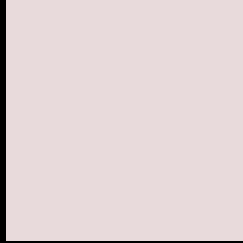
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.1363, 72.4131, 77.2457 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

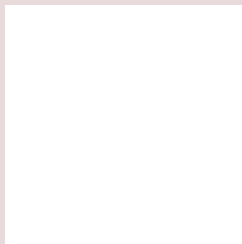
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 71.1363, 72.4131, 77.2457

## Background



This preview shows how black text looks on a background with the XYZ color 71.1363, 72.4131, 77.2457.



This preview shows how white text looks on a background with the XYZ color 71.1363, 72.4131,



# 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

71.1363, 72.4131, 77.2457

### Protanopia

69.5628, 72.3613, 78.0109

### Deuteranopia

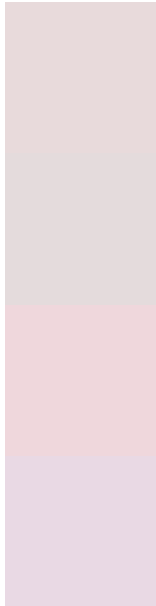
73.9270, 72.3151, 77.7720



## Tritanopia

73.1955, 72.4874, 87.2244

# Trichromacy



## Original Color

71.1363, 72.4131, 77.2457

## Protanomaly

70.2447, 72.3243, 77.9678

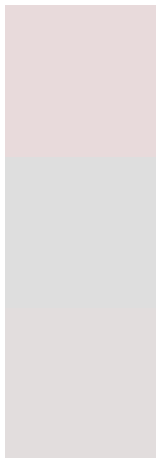
## Deuteranomaly

72.8153, 72.1189, 77.7927

## Tritanomaly

72.4207, 72.5508, 83.5855

# Monochromacy



## Original Color

71.1363, 72.4131, 77.2457

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.2716, 73.1021, 78.8130

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.1363, 72.4131, 77.2457 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(232, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(232, 218, 219)  
}
```

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(232, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 218, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 71.1363, 72.4131, 77.2457 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(232, 218, 219) }
```



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

```
.border{ border-color:rgb(232, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 218,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.1363, 72.4131, 77.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 218, 219) }
```

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

```
.background{ background-color: rgb(232,  
218, 219) }
```

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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