

# Converting Colors

XYZ(73.0982, 75.2488, 81.1727)

Have a look what the booklet for  
XYZ(73.0982, 75.2488, 81.1727)  
contains.

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# **Color**

**XYZ(73.1209, 75.3130,  
81.2040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8DFE0
RGB	232, 223, 224
RGB Percent	91%, 87%, 88%
CMY	0.0902, 0.1255, 0.1216
CMYK	0.00, 0.04, 0.03, 0.09
HSL	353°, 16%, 89%
HSV	353°, 4%, 91%
XYZ	73.1209, 75.3130, 81.2040
YIQ	225.8050, 5.0430, 2.2190

# Conversions

## Conversions Part 2

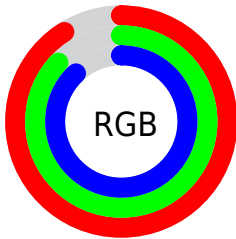
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 223, 224
Decimal	15261664
CIE Lab	89.54, 3.24, 0.59
CIE LCh	90, 3.289, 10.386
Yxy	75.3130, 0.3184, 0.3280
Android (android.graphics.Color)	4293451744 (0xFFE8DFE0)
YUV	225.8050, -0.8899, 5.4330
Hunter-Lab	86.7831, -1.4714, 5.2697

# Details

The XYZ color **73.1209, 75.3130, 81.2040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7146, 79.1726, 87.0018**, and the grayscale version is **72.1534, 75.9110, 82.6670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0686, 40.0999, 43.2170** is the 20% darker color. If you saturate the color by 10%, you get **64.7120, 62.7040, 65.4238**, and if you desaturate by 10%, it is **82.7229, 89.7630, 99.0588**.

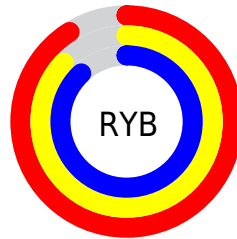
# Distribution



Red (91%)

Green (87%)

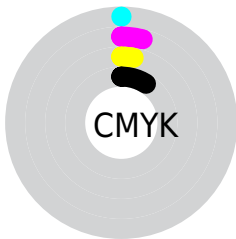
Blue (88%)



Red (91%)

Yellow (87%)

Blue (88%)

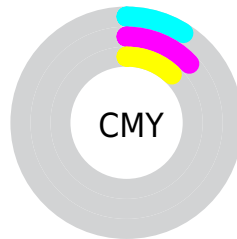


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1209, 75.3130, 81.2040 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 73.1209, 75.3130, 81.2040 by changing the saturation by 10% instead.



73.1209, 75.3130,  
81.2040

73.1209, 75.3130,  
81.2040

460.5310,  
478.9927, 518.7946

54.3636, 55.8694,  
60.1776

122.6510,  
126.7553, 136.8838

39.1242, 40.0982,  
43.1356

154.1545,  
159.5228, 172.3744

27.0375, 27.6151,  
29.6593

190.6375,  
197.5003, 213.5234

17.7381, 18.0357,  
19.3303

232.4652,  
241.0723, 260.7494

10.8607, 10.9756,  
11.7300

280.0030,  
290.6231, 314.4710

6.0398, 6.0505,  
6.4398

333.6164,

2.9102, 2.8758,

346.5372, 375.1067

3.0412

393.6706,  
409.1989, 443.0751

■ 1.1065, 1.0672,  
1.1157

■ 0.0305, 0.0000,  
0.0000

■ 73.1209, 75.3130,  
81.2040

■ 73.1209, 75.3130,  
81.2040

■ 64.7120, 62.7040,  
65.4238

■ 82.7229, 89.7630,  
99.0588

■ 57.4434, 51.8526,  
51.6382

■ 87.0891, 95.8960,  
108.5274

■ 51.2679, 42.6838,  
39.7690

■ 46.1322, 35.1132,  
29.7313

■ 41.9789, 29.0491,  
21.4336

■ 38.7448, 24.3906,  
14.7764

■ 36.3593, 21.0245,  
9.6503

■ 34.7414, 18.8197,  
5.9323

■ 33.7939, 17.6176,  
3.4802

# Harmonies

## Analogous

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



73.0553, 75.3130, 83.5049



73.1209, 75.3130, 81.2040



72.7720, 75.3130, 79.1554

# Triad

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



73.1209, 75.3130, 81.2040



70.5814, 75.3130, 78.6623



71.0628, 75.3130, 86.2636

# Complementary

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



73.1209, 75.3130, 81.2040



73.7146, 79.1726, 87.0018

# 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.



70.4066, 75.3130, 84.9182



73.1209, 75.3130, 81.2040



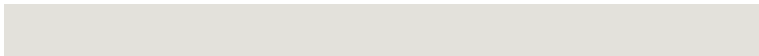
70.1301, 75.3130, 80.5194

# Square

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



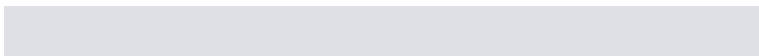
73.1209, 75.3130, 81.2040



71.3032, 75.3130, 77.7064



70.0663, 75.3130, 82.8073



71.8630, 75.3130, 86.4553

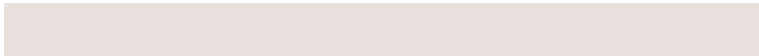


# Rectangle

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



73.1209, 75.3130, 81.2040



72.3528, 75.3130, 78.1975



70.0663, 75.3130, 82.8073



70.8182, 75.3130, 85.9301

# Sweetspot

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



73.1230, 75.3163, 81.2056



93.8789, 98.2386, 106.7191



73.8942, 75.5855, 87.0396



20.1063, 21.0457, 22.8653



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

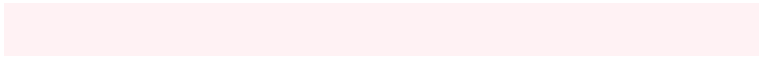


# Same Dimension

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



73.1230, 75.3163, 81.2056



89.3444, 91.4243, 98.2565



73.9191, 77.1239, 80.8065



15.1260, 15.4207, 16.5423



18.5992, 9.5739, 1.5185



1.3962, 0.7162, 0.2268



# Inverse Universe

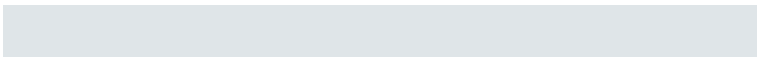
The Inverse Universe completely reimagines the original color for something new.



73.1230, 75.3163, 81.2056



89.3444, 91.4243, 98.2565



72.8946, 77.3066, 87.4245



15.1260, 15.4207, 16.5423



18.5992, 9.5739, 1.5185

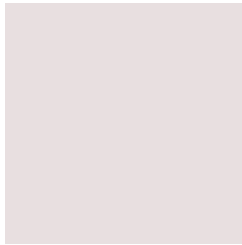


1.3962, 0.7162, 0.2268



# Previews

## White Background



This preview shows how the XYZ color 73.1209, 75.3130, 81.2040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

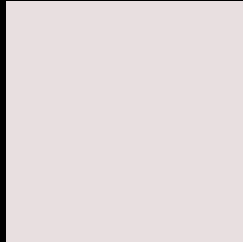
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.1209, 75.3130, 81.2040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

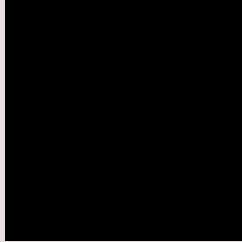
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

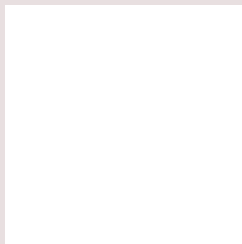
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 73.1209, 75.3130, 81.2040

## Background



This preview shows how black text looks on a background with the XYZ color 73.1209, 75.3130, 81.2040.



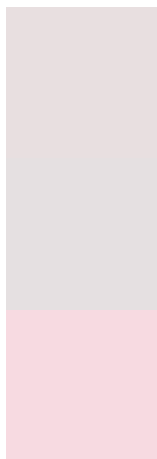
This preview shows how white text looks on a background with the XYZ color 73.1209, 75.3130,



# 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

73.1209, 75.3130, 81.2040

### Protanopia

72.5594, 75.4056, 81.9646

### Deuteranopia

77.0198, 75.3532, 81.7194



## Tritanopia

75.2208, 75.3784, 91.4738

# Trichromacy



## Original Color

73.1209, 75.3130, 81.2040

## Protanomaly

72.8794, 75.5705, 81.9796

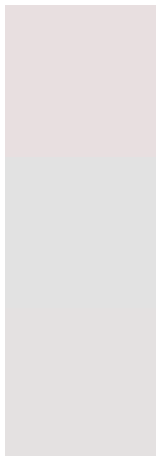
## Deuteranomaly

75.8018, 75.4999, 81.8119

## Tritanomaly

74.4335, 75.4494, 87.7309

# Monochromacy



## Original Color

73.1209, 75.3130, 81.2040

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.5107, 75.7807, 82.0396

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.1209, 75.3130, 81.2040 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, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 224)  
}
```

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, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 73.1209, 75.3130, 81.2040 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, 223, 224) }
```



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

```
.border{ border-color:rgb(232, 223, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.1209, 75.3130, 81.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 224) }
```

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

```
.background{ background-color: rgb(232,  
223, 224) }
```

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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