

# Converting Colors

XYZ(74.4095, 75.1763, 77.9859)

Have a look what the booklet for  
XYZ(74.4095, 75.1763, 77.9859)  
contains.

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# Color

**XYZ(74.3713, 75.2309,  
78.3114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EFDDDC
RGB	239, 221, 220
RGB Percent	94%, 87%, 86%
CMY	0.0627, 0.1333, 0.1372
CMYK	0.00, 0.08, 0.08, 0.06
HSL	3°, 37%, 90%
HSV	3°, 8%, 94%
XYZ	74.3713, 75.2309, 78.3114
YIQ	226.2680, 11.0490, 3.5050

# Conversions

## Conversions Part 2

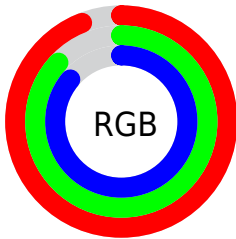
Format	Color
R <sub>Y</sub> B	239, 221, 220
Decimal	15719900
CIE Lab	89.50, 6.00, 2.71
CIE LCh	90, 6.580, 24.288
Yxy	75.2309, 0.3263, 0.3301
Android (android.graphics.Color)	4293909980 (0xFFEFDDDC)
YUV	226.2680, -3.0901, 11.1660
Hunter-Lab	86.7357, 1.2667, 7.1837

# Details

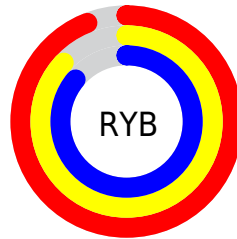
The XYZ color **74.3713, 75.2309, 78.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6695, 82.5953, 93.6165**, and the grayscale version is **72.5004, 76.2761, 83.0647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9562, 40.0563, 41.2230** is the 20% darker color. If you saturate the color by 10%, you get **65.8508, 62.8979, 60.9549**, and if you desaturate by 10%, it is **84.1545, 89.3632, 98.3231**.

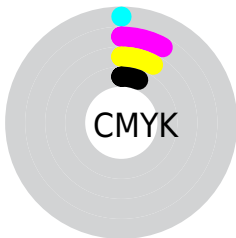
# Distribution



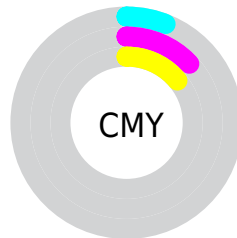
- Red (94%)
- Green (87%)
- Blue (86%)



- Red (94%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3713, 75.2309, 78.3114 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 74.3713, 75.2309, 78.3114 by changing the saturation by 10% instead.



74.3713, 75.2309,  
78.3114

74.3713, 75.2309,  
78.3114

464.7844,  
478.7108, 508.7796

55.3903, 55.8021,  
57.8119

124.4147,  
126.6392, 132.7789

39.9494, 40.0443,  
41.2437

156.2078,  
159.3874, 167.5839

27.6831, 27.5731,  
28.1884

193.0024,  
197.3442, 207.9944

18.2262, 18.0041,  
18.2275

235.1638,  
240.8940, 254.4291

11.2132, 10.9529,  
10.9423

283.0573,  
290.4211, 307.3064

6.2787, 6.0352,  
5.9144

337.0484,

3.0576, 2.8665,

346.3101, 367.0449

2.7251

397.5023,  
408.9452, 434.0632

■ 1.1843, 1.0624,  
0.9560

■ 0.0939, 0.0000,  
0.0000

■ 74.3713, 75.2309,  
78.3114

■ 74.3713, 75.2309,  
78.3114

■ 65.8508, 62.8979,  
60.9549

■ 84.1545, 89.3632,  
98.3231

■ 58.5355, 52.2827,  
46.1376

■ 89.4070, 97.0909,  
108.6359

■ 52.3729, 43.3120,  
33.7419

■ 47.3041, 35.9035,  
23.6389

■ 43.2652, 29.9680,  
15.6882

■ 40.1854, 25.4070,  
9.7336

■ 37.9852, 22.1102,  
5.5978

■ 36.5720, 19.9501,  
3.0727

■ 35.8285, 18.7710,  
1.8755

# Harmonies

## Analogous

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



74.6378, 75.2309, 82.8015



74.3713, 75.2309, 78.3114



73.3318, 75.2309, 74.9059

# Triad

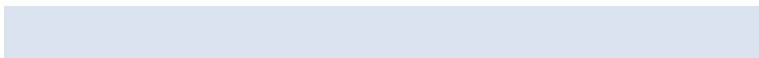
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3713, 75.2309, 78.3114



69.0140, 75.2309, 76.8338



71.1963, 75.2309, 91.0809

# Complementary

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



74.3713, 75.2309, 78.3114



75.6695, 82.5953, 93.6165

# 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.



69.7082, 75.2309, 89.3454



74.3713, 75.2309, 78.3114



68.4605, 75.2309, 81.0322

# Square

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



74.3713, 75.2309, 78.3114



70.2356, 75.2309, 74.0755



68.7128, 75.2309, 85.6247

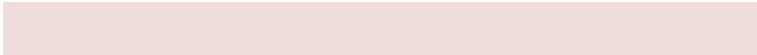


72.7890, 75.2309, 90.2861



# Rectangle

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



74.3713, 75.2309, 78.3114



72.3485, 75.2309, 73.6511



68.7128, 75.2309, 85.6247



70.6675, 75.2309, 90.7721

# Sweetspot

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



74.3734, 75.2342, 78.3130



92.7179, 96.6325, 104.1255



76.6307, 75.7142, 91.5037



19.8699, 20.7186, 22.3371



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

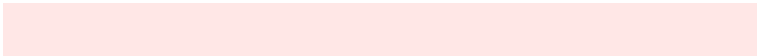


# Same Dimension

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



74.3734, 75.2342, 78.3130



83.9861, 84.0117, 86.2846



76.9380, 80.3635, 79.1679



15.8398, 15.8927, 16.3825



19.7768, 10.3516, 0.9557



1.6687, 0.9080, 0.0873



# Inverse Universe

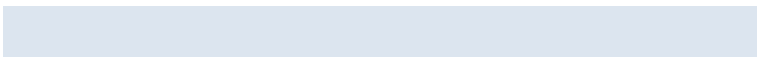
The Inverse Universe completely reimagines the original color for something new.



75.6695, 82.5953, 93.6165



85.8545, 94.6236, 108.3469



72.9912, 77.2386, 92.7237



16.1716, 17.7774, 20.3007



23.7261, 33.6764, 50.3776

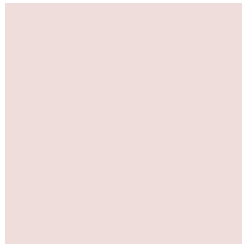


1.9955, 2.8451, 4.1982



# Previews

## White Background



This preview shows how the XYZ color 74.3713, 75.2309, 78.3114 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

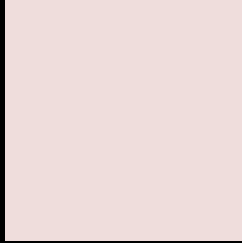
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3713, 75.2309, 78.3114 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

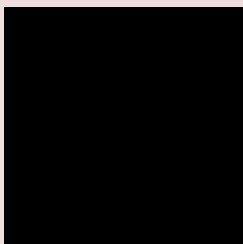
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

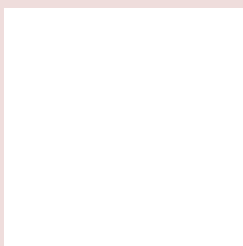
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.3713, 75.2309, 78.3114**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.3713, 75.2309, 78.3114.



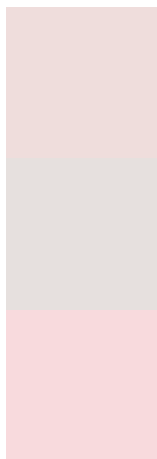
This preview shows how white text looks on a background with the XYZ color 74.3713, 75.2309,



# 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

74.3713, 75.2309, 78.3114

### Protanopia

72.4736, 75.4082, 79.8427

### Deuteranopia

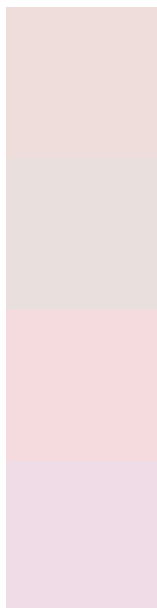
76.8339, 75.3197, 78.8952



## Tritanopia

76.7475, 75.4199, 89.8694

# Trichromacy



## Original Color

74.3713, 75.2309, 78.3114

## Protanomaly

73.0431, 75.3194, 79.0949

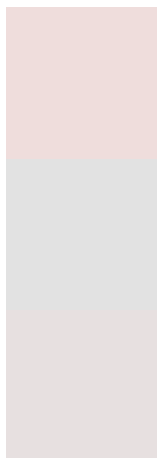
## Deuteranomaly

76.0389, 75.2960, 78.9325

## Tritanomaly

75.8113, 75.4248, 85.4257

# Monochromacy



## Original Color

74.3713, 75.2309, 78.3114

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.0652, 75.6821, 81.2782

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3713, 75.2309, 78.3114 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, 221, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 220)  
}
```

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, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 220) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3713, 75.2309, 78.3114 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, 221, 220) }
```



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

```
.border{ border-color:rgb(239, 221, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
220) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3713, 75.2309, 78.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 220) }
```

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

```
.background{ background-color: rgb(239,  
221, 220) }
```

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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