

# Converting Colors

XYZ(73.8693, 75.8146, 75.6635)

Have a look what the booklet for  
XYZ(73.8693, 75.8146, 75.6635)  
contains.

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# Color

**XYZ(74.0422, 75.9104,  
75.7155)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEDFD8
RGB	238, 223, 216
RGB Percent	93%, 87%, 85%
CMY	0.0667, 0.1255, 0.1529
CMYK	0.00, 0.06, 0.09, 0.07
HSL	19°, 39%, 89%
HSV	19°, 9%, 93%
XYZ	74.0422, 75.9104, 75.7155
YIQ	226.6870, 11.1870, 1.0030

# Conversions

## Conversions Part 2

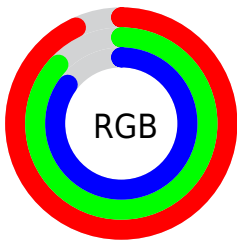
Format	Color
RYP	238, 226, 216
Decimal	15654872
CIELab	89.82, 3.95, 5.25
CIElCh	90, 6.575, 53.055
Yxy	75.9104, 0.3281, 0.3364
Android (android.graphics.Color)	4293844952 (0xFFEEDFD8)
YUV	226.6870, -5.2687, 9.9215
Hunter-Lab	87.1266, -0.7780, 9.4639

# Details

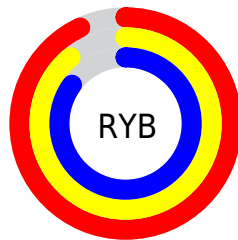
The XYZ color **74.0422, 75.9104, 75.7155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3271, 77.9222, 92.1180**, and the grayscale version is **72.8195, 76.6117, 83.4302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7271, 40.5236, 39.4462** is the 20% darker color. If you saturate the color by 10%, you get **67.0573, 66.5128, 59.2903**, and if you desaturate by 10%, it is **81.8923, 86.3236, 94.6297**.

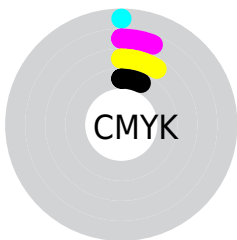
# Distribution



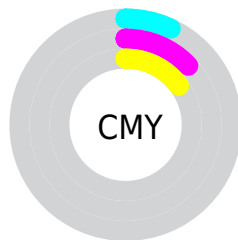
- Red (93%)
- Green (87%)
- Blue (85%)



- Red (93%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0422, 75.9104, 75.7155 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 74.0422, 75.9104, 75.7155 by changing the saturation by 10% instead.



74.0422, 75.9104,  
75.7155

74.0422, 75.9104,  
75.7155

463.6671,  
481.0409, 499.6941

55.1200, 56.3590,  
55.6940

123.9508,  
127.6002, 129.0811

39.7320, 40.4909,  
39.5553

155.6679,  
160.5075, 163.2622

27.5129, 27.9215,  
26.8808

192.3807,  
198.6356, 203.0003

18.0974, 18.2665,  
17.2521

234.4545,  
242.3687, 248.7139

11.1201, 11.1415,  
10.2505

282.2547,  
292.0915, 300.8216

6.2155, 6.1621,  
5.4576

336.1466,

3.0185, 2.9439,

348.1882, 359.7418

2.4548

396.4956,  
411.0432, 425.8931

■ 1.1635, 1.1025,  
0.8161

■ 0.0773, 0.0000,  
0.0000

■ 74.0422, 75.9104,  
75.7155

■ 74.0422, 75.9104,  
75.7155

■ 67.0573, 66.5128,  
59.2903

■ 81.8923, 86.3236,  
94.6297

■ 60.9007, 58.0898,  
45.2448

■ 89.0702, 96.9173,  
108.6201

■ 55.5418, 50.6124,  
33.4690

■ 50.9458, 44.0462,  
23.8420

■ 47.0751, 38.3547,  
16.2316

■ 43.8883, 33.4987,  
10.4911

■ 41.3397, 29.4357,  
6.4531

■ 39.3764, 26.1186,  
3.9201

■ 37.9242, 23.4895,  
2.5868

# Harmonies

## Analogous

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



75.0597, 75.9104, 79.2032



74.0422, 75.9104, 75.7155



72.5285, 75.9104, 74.0967

# Triad

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



74.0422, 75.9104, 75.7155



69.0974, 75.9104, 81.5778



73.3794, 75.9104, 91.1513

# Complementary

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



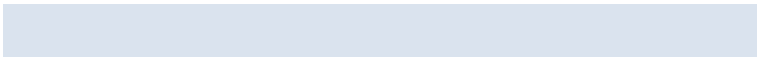
74.0422, 75.9104, 75.7155



72.3271, 77.9222, 92.1180

# 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.



71.7740, 75.9104, 91.8450



74.0422, 75.9104, 75.7155



69.3175, 75.9104, 86.2026

# Square

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



74.0422, 75.9104, 75.7155



69.6855, 75.9104, 77.3982



70.2914, 75.9104, 90.0029



74.6731, 75.9104, 88.1415



# Rectangle

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



74.0422, 75.9104, 75.7155



71.4480, 75.9104, 74.2506



70.2914, 75.9104, 90.0029



72.8577, 75.9104, 91.6676

# Sweetspot

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



74.0443, 75.9137, 75.7171



92.2016, 96.2351, 101.9948



74.2451, 73.0613, 85.8159



19.5754, 20.3869, 21.4459



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

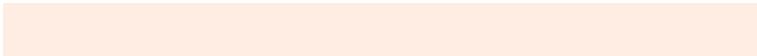


# Same Dimension

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



74.0443, 75.9137, 75.7171



85.0593, 86.7255, 84.8935



77.0687, 81.9625, 76.7252



16.1835, 16.5802, 16.4971



21.2076, 13.2133, 1.4327



1.8505, 1.2718, 0.1479

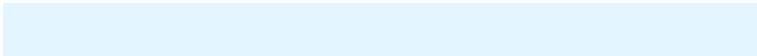


# Inverse Universe

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



72.3271, 77.9222, 92.1180



82.6896, 89.4964, 107.5241



69.3545, 71.9770, 91.1271



15.7983, 17.0308, 20.1762



15.9617, 18.1477, 47.7895

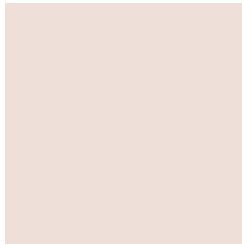


1.4170, 1.6880, 4.0054



# Previews

## White Background



This preview shows how the XYZ color 74.0422, 75.9104, 75.7155 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 74.0422, 75.9104, 75.7155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

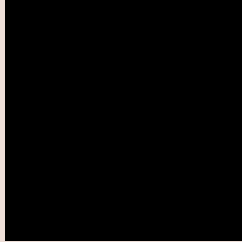
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

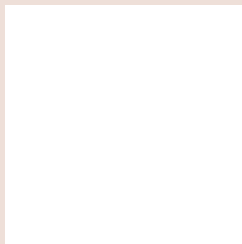
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.0422, 75.9104, 75.7155**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.0422, 75.9104, 75.7155.



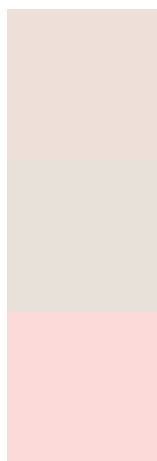
This preview shows how white text looks on a background with the XYZ color 74.0422, 75.9104,

75.7155.

# 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

74.0422, 75.9104, 75.7155

### Protanopia

72.7283, 76.0160, 76.4850

### Deuteranopia

77.3794, 75.6618, 76.1715



## Tritanopia

77.1549, 76.0016, 90.7240

# Trichromacy



## Original Color

74.0422, 75.9104, 75.7155

## Protanomaly

73.1117, 75.8135, 76.4257

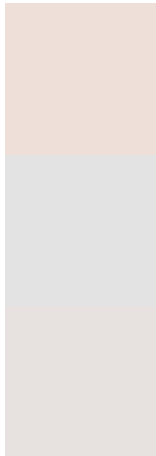
## Deuteranomaly

76.1236, 75.7890, 76.2622

## Tritanomaly

75.9345, 75.8953, 84.7758

# Monochromacy



## Original Color

74.0422, 75.9104, 75.7155

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.4706, 76.7093, 80.7461

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0422, 75.9104, 75.7155 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(238, 223, 216) looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 216)  
}
```

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(238, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0422, 75.9104, 75.7155 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(238, 223, 216) }
```



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

```
.border{ border-color:rgb(238, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0422, 75.9104, 75.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 216) }
```

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

```
.background{ background-color: rgb(238,  
223, 216) }
```

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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