

# Converting Colors

XYZ(74.0505, 76.8046, 71.2519)

Have a look what the booklet for  
XYZ(74.0505, 76.8046, 71.2519)  
contains.

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# Color

**XYZ(74.0304, 76.8046,  
71.2445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFE1D1
RGB	239, 225, 209
RGB Percent	94%, 88%, 82%
CMY	0.0627, 0.1176, 0.1804
CMYK	0.00, 0.06, 0.13, 0.06
HSL	32°, 48%, 88%
HSV	32°, 13%, 94%
XYZ	74.0304, 76.8046, 71.2445
YIQ	227.3620, 13.4800, -2.0080

# Conversions

## Conversions Part 2

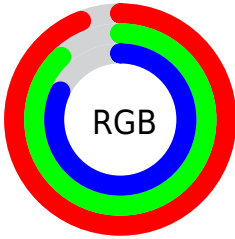
Format	Color
R <sub>Y</sub> B	235, 239, 209
Decimal	15720913
CIE Lab	90.23, 2.14, 9.53
CIE LCh	90, 9.765, 77.321
Yxy	76.8046, 0.3334, 0.3458
Android (android.graphics.Color)	4293910993 (0xFFEFE1D1)
YUV	227.3620, -9.0525, 10.2065
Hunter-Lab	87.6382, -2.5831, 13.1476

# Details

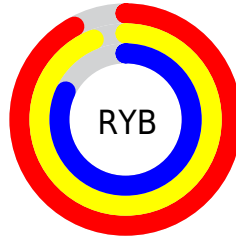
The XYZ color **74.0304, 76.8046, 71.2445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2618, 72.5611, 92.0699**, and the grayscale version is **73.3359, 77.1551, 84.0219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8196, 41.1833, 36.8608** is the 20% darker color. If you saturate the color by 10%, you get **68.3748, 69.8783, 55.8393**, and if you desaturate by 10%, it is **80.3311, 84.3089, 89.0565**.

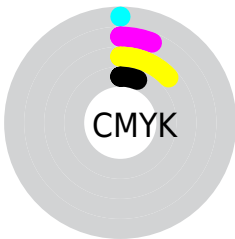
# Distribution



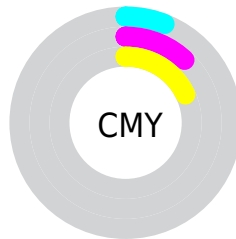
- Red (94%)
- Green (88%)
- Blue (82%)



- Red (92%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0304, 76.8046, 71.2445 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 74.0304, 76.8046, 71.2445 by changing the saturation by 10% instead.



74.0304, 76.8046,  
71.2445

74.0304, 76.8046,  
71.2445

463.6270,  
484.0975, 483.8144

55.1103, 57.0925,  
52.0587

123.9342,  
128.8636, 122.6795

39.7242, 41.0795,  
36.6693

155.6485,  
161.9793, 155.7658

27.5068, 28.3812,  
24.6578

192.3584,  
200.3317, 194.3226

18.0928, 18.6132,  
15.6056

234.4290,  
244.3052, 238.7686

11.1167, 11.3911,  
9.0942

282.2259,  
294.2841, 289.5222

6.2133, 6.3306,  
4.7050

336.1142,

3.0171, 3.0471,

350.6529, 347.0020

2.0195

396.4595,  
413.7959, 411.6266

■ 1.1628, 1.1564,  
0.5673

■ 0.0767, 0.0256,  
0.0000

■ 74.0304, 76.8046,  
71.2445

■ 74.0304, 76.8046,  
71.2445

■ 68.3748, 69.8783,  
55.8393

■ 80.3311, 84.3089,  
89.0565

■ 63.3344, 63.5046,  
42.7310

■ 87.0010, 92.2792,  
107.8340

■ 58.8864, 57.6707,  
31.8083

■ 89.4069, 97.0909,  
108.6359

■ 55.0038, 52.3594,  
22.9489

■ 51.6571, 47.5525,  
16.0178

■ 48.8138, 43.2301,  
10.8643

■ 46.4367, 39.3704,  
7.3143

■ 44.4817, 35.9484,  
5.1581

■ 43.2516, 33.6603,  
4.2175

# Harmonies

## Analogous

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



76.2125, 76.8046, 74.1741



74.0304, 76.8046, 71.2445



71.6188, 76.8046, 71.4968

# Triad

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



74.0304, 76.8046, 71.2445



68.6320, 76.8046, 87.6730



76.4881, 76.8046, 93.0262

# Complementary

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



74.0304, 76.8046, 71.2445



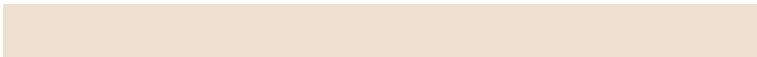
68.2618, 72.5611, 92.0699

# 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.



74.3998, 76.8046, 97.0574



74.0304, 76.8046, 71.2445



69.8800, 76.8046, 93.8510

# Square

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



74.0304, 76.8046, 71.2445



68.5380, 76.8046, 80.7255



71.9801, 76.8046, 97.3674



77.6525, 76.8046, 86.5975



# Rectangle

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



74.0304, 76.8046, 71.2445



70.2053, 76.8046, 73.4346



71.9801, 76.8046, 97.3674



75.8688, 76.8046, 94.7217

# Sweetspot

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



74.0325, 76.8080, 71.2461



91.9516, 96.3618, 99.9795



71.7172, 69.2804, 79.4055



19.5597, 20.4816, 21.0518



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

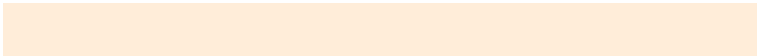


# Same Dimension

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



74.0325, 76.8080, 71.2461



84.0613, 86.9155, 77.8211



77.6357, 84.5143, 72.5437



16.4711, 17.1553, 16.5929



24.0344, 18.8668, 2.3749



2.0990, 1.7686, 0.2307

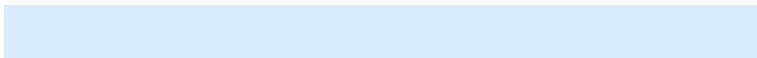


# Inverse Universe

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



68.2618, 72.5611, 92.0699



76.1832, 81.1179, 106.2498



64.9598, 65.5356, 90.8879



15.5051, 16.4444, 20.0785



11.9099, 10.0440, 46.4388

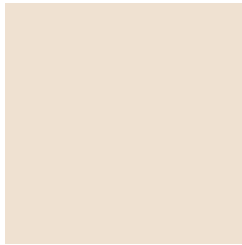


1.0895, 1.0329, 3.8962



# Previews

## White Background



This preview shows how the XYZ color 74.0304, 76.8046, 71.2445 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

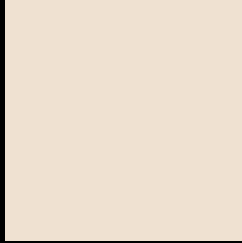
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0304, 76.8046, 71.2445 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

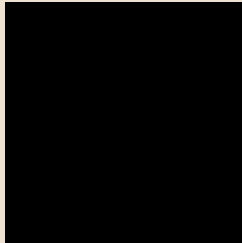
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.0304, 76.8046, 71.2445**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.0304, 76.8046, 71.2445.



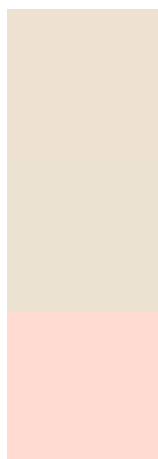
This preview shows how white text looks on a background with the XYZ color 74.0304, 76.8046,

71.2445.

# 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

74.0304, 76.8046, 71.2445

### Protanopia

73.0902, 76.7080, 71.9266

### Deuteranopia

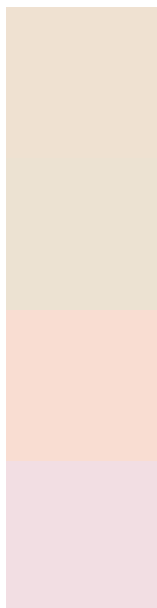
78.2044, 76.5762, 71.6316



## Tritanopia

78.2512, 76.9406, 91.6157

# Trichromacy



## Original Color

74.0304, 76.8046, 71.2445

## Protanomaly

73.4213, 76.8787, 71.9421

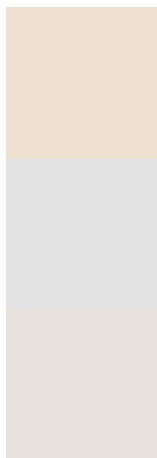
## Deuteranomaly

76.5562, 76.5058, 71.7049

## Tritanomaly

76.6044, 76.6658, 83.4336

# Monochromacy



## Original Color

74.0304, 76.8046, 71.2445

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

73.0696, 76.5489, 78.6344

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.0304, 76.8046, 71.2445 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, 225, 209) looks like.

```
.text, #text, p{  
    color:rgb(239, 225, 209)  
}
```

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, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 225, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0304, 76.8046, 71.2445 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, 225, 209) }
```



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

```
.border{ border-color:rgb(239, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(239, 225,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0304, 76.8046, 71.2445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 225, 209) }
```

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

```
.background{ background-color: rgb(239,  
225, 209) }
```

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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