

Converting Colors

XYZ(73.6672, 76.9116, 70.6894)

Have a look what the booklet for
XYZ(73.6672, 76.9116, 70.6894)
contains.

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Color

**XYZ(73.8414, 77.1239,
70.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE2D0
RGB	238, 226, 208
RGB Percent	93%, 89%, 82%
CMY	0.0667, 0.1137, 0.1843
CMYK	0.00, 0.05, 0.13, 0.07
HSL	36°, 47%, 87%
HSV	36°, 13%, 93%
XYZ	73.8414, 77.1239, 70.6691
YIQ	227.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

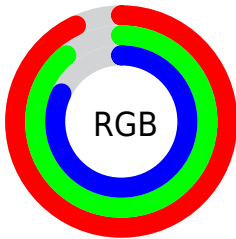
Format	Color
R _Y B	228, 238, 208
Decimal	15655632
CIE Lab	90.38, 1.12, 10.25
CIE LCh	90, 10.310, 83.775
Yxy	77.1239, 0.3332, 0.3480
Android (android.graphics.Color)	4293845712 (0xFFEEE2D0)
YUV	227.5360, -9.6312, 9.1769
Hunter-Lab	87.8202, -3.5982, 13.7634

Details

The XYZ color **73.8414, 77.1239, 70.6691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0380, 70.7680, 91.0159**, and the grayscale version is **73.4672, 77.2932, 84.1723**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6870, 41.4040, 36.4719** is the 20% darker color. If you saturate the color by 10%, you get **68.6145, 71.0093, 55.5481**, and if you desaturate by 10%, it is **79.6556, 83.7084, 88.1555**.

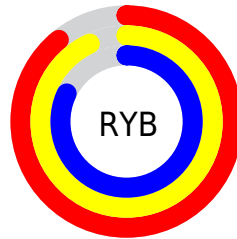
Distribution



Red (93%)

Green (89%)

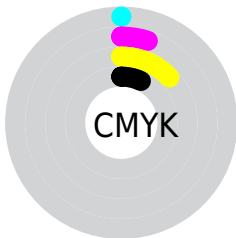
Blue (82%)



Red (89%)

Yellow (93%)

Blue (82%)

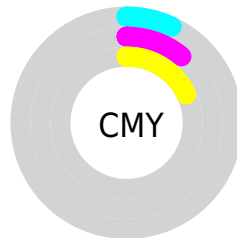


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8414, 77.1239, 70.6691 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 73.8414, 77.1239, 70.6691 by changing the saturation by 10% instead.

73.8414, 77.1239,
70.6691

73.8414, 77.1239,
70.6691

462.9846,
485.1864, 481.7483

54.9551, 57.3546,
51.5920

123.6677,
129.3144, 121.8525

39.5994, 41.2900,
36.3000

155.3383,
162.5043, 154.7959

27.4092, 28.5457,
24.3745

192.0011,
200.9365, 193.1985

18.0190, 18.7375,
15.3969

234.0214,
244.9955, 237.4788

11.0634, 11.4807,
8.9487

281.7645,
295.0656, 288.0554

6.1771, 6.3912,
4.6114

335.5958,

2.9947, 3.0844,

351.5311, 345.3469

1.9664

395.8807,
414.7766, 409.7716

■ 1.1510, 1.1759,
0.5345

■ 0.0671, 0.0419,
0.0000

■ 73.8414, 77.1239,
70.6691

■ 73.8414, 77.1239,
70.6691

■ 68.6145, 71.0093,
55.5481

■ 79.6556, 83.7084,
88.1555

■ 63.9468, 65.3420,
42.6841

■ 85.9743, 90.7255,
107.5882

■ 59.8171, 60.1122,
31.9674

■ 88.9284, 96.6337,
108.5729

■ 56.2001, 55.3059,
23.2773

■ 89.0702, 96.9173,
108.6201

■ 53.0682, 50.9082,
16.4808

■ 50.3909, 46.9027,
11.4289

■ 48.1329, 43.2711,
7.9500

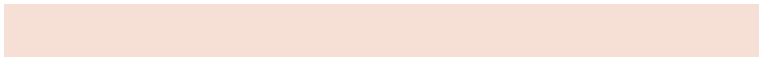
■ 46.2524, 39.9923,
5.8368

■ 45.0581, 37.7732,
4.9161

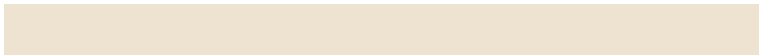
Harmonies

Analogous

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



76.2650, 77.1239, 73.0611



73.8414, 77.1239, 70.6691



71.3285, 77.1239, 71.6706

Triad

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



73.8414, 77.1239, 70.6691



68.8714, 77.1239, 89.8143



77.3657, 77.1239, 92.6245

Complementary

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



73.8414, 77.1239, 70.6691



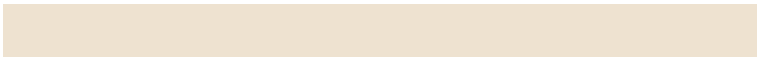
67.0380, 70.7680, 91.0159

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.



75.3155, 77.1239, 97.6123



73.8414, 77.1239, 70.6691



70.4205, 77.1239, 95.9246

Square

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



73.8414, 77.1239, 70.6691



68.4975, 77.1239, 82.4487



72.7691, 77.1239, 98.8539



78.3302, 77.1239, 85.5197

Rectangle

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



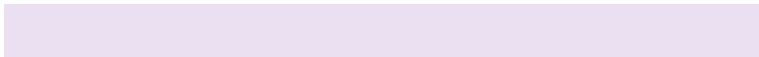
73.8414, 77.1239, 70.6691



69.9360, 77.1239, 74.1590



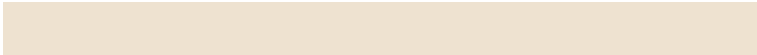
72.7691, 77.1239, 98.8539



76.7783, 77.1239, 94.6207

Sweetspot

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



73.8435, 77.1273, 70.6707



92.1636, 96.7857, 100.0502



70.7350, 68.4573, 77.1966



19.6133, 20.5889, 21.0697



0.0000, 0.0000, 0.0000



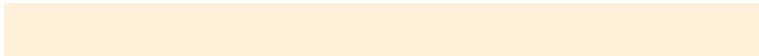
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8435, 77.1273, 70.6707



84.8054, 88.4038, 78.0692



76.2214, 83.3661, 71.7496



16.5619, 17.3368, 16.6232



25.2677, 21.3335, 2.7860



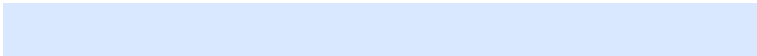
2.1991, 1.9688, 0.2641

Inverse Universe

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



67.0380, 70.7680, 91.0159



75.4601, 79.6715, 106.0087



64.8535, 65.1349, 90.0437



15.4160, 16.2660, 20.0488



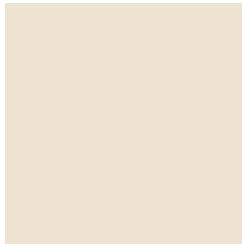
11.0196, 8.2634, 46.1421



1.0115, 0.8770, 3.8702

Previews

White Background



This preview shows how the XYZ color 73.8414, 77.1239, 70.6691 looks on a white background.

Color Contrast Check

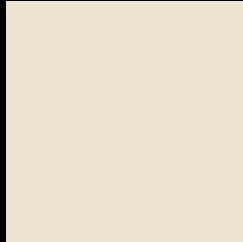
Large Text (above 18pt) WCAG AA × Fail

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 73.8414, 77.1239, 70.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

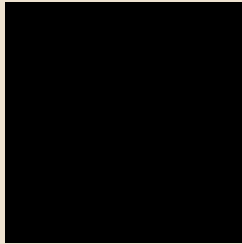
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

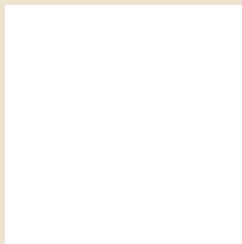
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8414, 77.1239, 70.6691

Background



This preview shows how black text looks on a background with the XYZ color 73.8414, 77.1239, 70.6691.



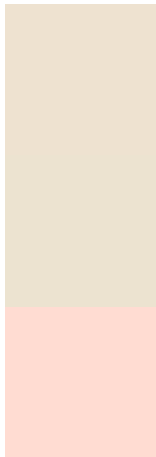
This preview shows how white text looks on a background with the XYZ color 73.8414, 77.1239,

70.6691.

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

73.8414, 77.1239, 70.6691

Protanopia

73.4463, 77.3251, 70.7287

Deuteranopia

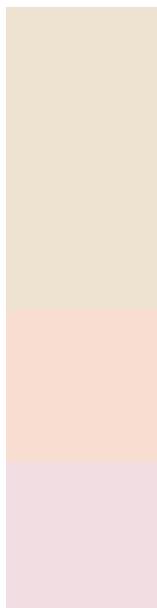
78.4661, 77.0995, 71.7189



Tritanopia

78.0544, 76.8221, 92.3756

Trichromacy



Original Color

73.8414, 77.1239, 70.6691

Protanomaly

73.7793, 77.4968, 70.7443

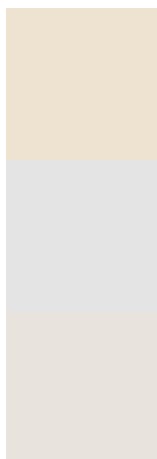
Deuteranomaly

76.6968, 76.9857, 71.1390

Tritanomaly

76.6669, 77.0776, 84.2355

Monochromacy



Original Color

73.8414, 77.1239, 70.6691

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7989, 77.3144, 79.4402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8414, 77.1239, 70.6691 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, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 208)  
}
```

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, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.8414, 77.1239, 70.6691 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, 226, 208) }
```


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

```
.border{ border-color:rgb(238, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8414, 77.1239, 70.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 208) }
```

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

```
.background{ background-color: rgb(238,  
226, 208) }
```

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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