

Converting Colors

XYZ(73.7551, 76.8770, 71.4215)

Have a look what the booklet for
XYZ(73.7551, 76.8770, 71.4215)
contains.

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Color

**XYZ(73.9649, 77.1733,
71.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE2D1
RGB	238, 226, 209
RGB Percent	93%, 89%, 82%
CMY	0.0667, 0.1137, 0.1804
CMYK	0.00, 0.05, 0.12, 0.07
HSL	35°, 46%, 88%
HSV	35°, 12%, 93%
XYZ	73.9649, 77.1733, 71.3192
YIQ	227.6500, 12.6090, -2.7430

Conversions

Conversions Part 2

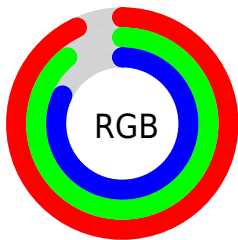
Format	Color
R _Y B	229, 238, 209
Decimal	15655633
CIE Lab	90.40, 1.28, 9.76
CIE LCh	90, 9.842, 82.550
Yxy	77.1733, 0.3325, 0.3469
Android (android.graphics.Color)	4293845713 (0xFFEEE2D1)
YUV	227.6500, -9.1945, 9.0769
Hunter-Lab	87.8483, -3.4445, 13.3596

Details

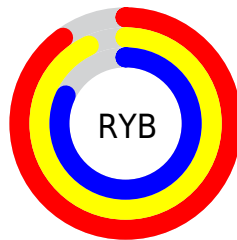
The XYZ color **73.9649, 77.1733, 71.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5834, 71.4400, 91.1170**, and the grayscale version is **73.5475, 77.3777, 84.2643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7707, 41.4375, 36.9124** is the 20% darker color. If you saturate the color by 10%, you get **68.6357, 70.8829, 56.0749**, and if you desaturate by 10%, it is **79.8923, 83.9540, 88.9364**.

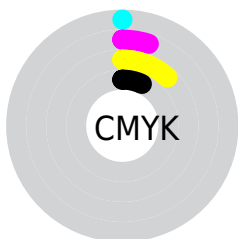
Distribution



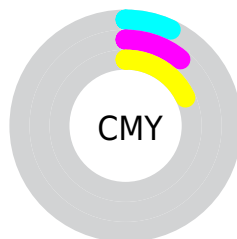
- Red (93%)
- Green (89%)
- Blue (82%)



- Red (90%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9649, 77.1733, 71.3192 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 73.9649, 77.1733, 71.3192 by changing the saturation by 10% instead.

73.9649, 77.1733,
71.3192

73.9649, 77.1733,
71.3192

463.4044,
485.3547, 484.0822

55.0565, 57.3951,
52.1193

123.8418,
129.3841, 122.7868

39.6810, 41.3226,
36.7173

155.5410,
162.5855, 155.8916

27.4730, 28.5712,
24.6946

192.2346,
201.0301, 194.4684

18.0672, 18.7567,
15.6327

234.2878,
245.1022, 238.9359

11.0982, 11.4946,
9.1131

282.0660,
295.1864, 289.7124

6.2007, 6.4005,
4.7172

335.9346,

3.0093, 3.0901,

351.6669, 347.2166

2.0265

396.2590,
414.9282, 411.8670

■ 1.1587, 1.1790,
0.5715

■ 0.0734, 0.0444,
0.0000

■ 73.9649, 77.1733,
71.3192

■ 73.9649, 77.1733,
71.3192

■ 68.6357, 70.8829,
56.0749

■ 79.8923, 83.9540,
88.9364

■ 63.8763, 65.0598,
43.0953

■ 86.1734, 91.1235,
107.6545

■ 59.6654, 59.6938,
32.2711

■ 89.0702, 96.9173,
108.6202

■ 55.9775, 54.7703,
23.4818

■ 52.7849, 50.2739,
16.5949

■ 50.0569, 46.1876,
11.4622

■ 47.7581, 42.4928,
7.9131

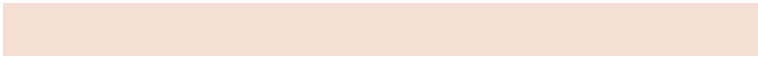
■ 45.8468, 39.1677,
5.7421

■ 44.5733, 36.8035,
4.7545

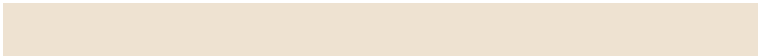
Harmonies

Analogous

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



76.2600, 77.1733, 73.7427



73.9649, 77.1733, 71.3192



71.5548, 77.1733, 72.1470

Triad

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



73.9649, 77.1733, 71.3192



69.0755, 77.1733, 89.3225



77.1641, 77.1733, 92.5235

Complementary

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



73.9649, 77.1733, 71.3192



67.5834, 71.4400, 91.1170

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.



75.1768, 77.1733, 97.1480



73.9649, 77.1733, 71.3192



70.5167, 77.1733, 95.2291

Square

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



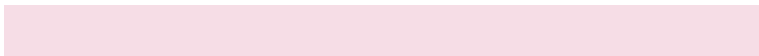
73.9649, 77.1733, 71.3192



68.7674, 77.1733, 82.2872



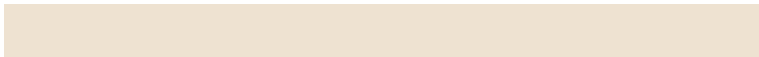
72.7403, 77.1733, 98.1648



78.1337, 77.1733, 85.7944

Rectangle

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



73.9649, 77.1733, 71.3192



70.2036, 77.1733, 74.4540



72.7403, 77.1733, 98.1648



76.5909, 77.1733, 94.3907

Sweetspot

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



73.9670, 77.1767, 71.3208



92.1197, 96.6979, 100.0355



71.1236, 69.0041, 78.0364



19.6022, 20.5666, 21.0660



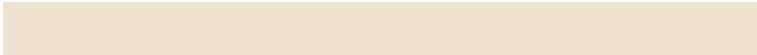
0.0000, 0.0000, 0.0000



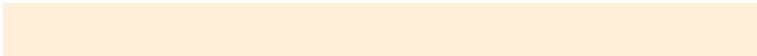
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9670, 77.1767, 71.3208



84.6506, 88.0942, 78.0176



76.5379, 83.5150, 72.4088



16.5430, 17.2992, 16.6169



24.9978, 20.7936, 2.6960



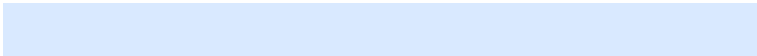
2.1774, 1.9255, 0.2569

Inverse Universe

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



67.5834, 71.4400, 91.1170



75.6088, 79.9691, 106.0583



65.2177, 65.6857, 90.1310



15.4343, 16.3028, 20.0549



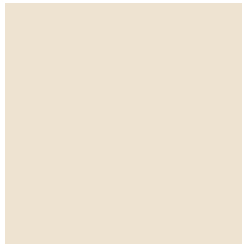
11.1905, 8.6052, 46.1990



1.0267, 0.9075, 3.8753

Previews

White Background



This preview shows how the XYZ color 73.9649, 77.1733, 71.3192 looks on a white background.

Color Contrast Check

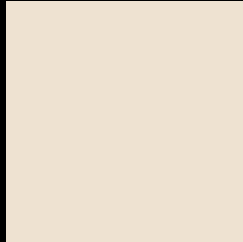
Large Text (above 18pt) WCAG AA × Fail

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 73.9649, 77.1733, 71.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

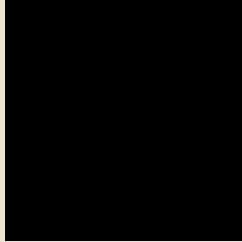
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9649, 77.1733, 71.3192

Background



This preview shows how black text looks on a background with the XYZ color 73.9649, 77.1733, 71.3192.

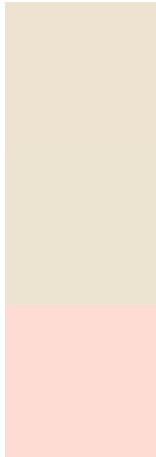


This preview shows how white text looks on a background with the XYZ color 73.9649, 77.1733,

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

73.9649, 77.1733, 71.3192

Protanopia

73.5698, 77.3745, 71.3788

Deuteranopia

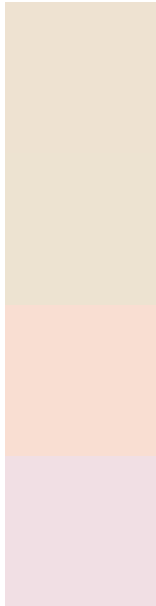
78.5911, 77.1495, 72.3772



Tritanopia

78.3192, 77.3518, 92.4639

Trichromacy



Original Color

73.9649, 77.1733, 71.3192

Protanomaly

73.9028, 77.5461, 71.3944

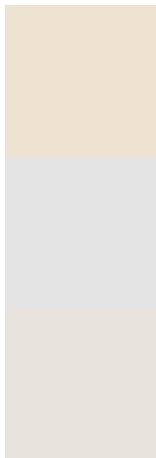
Deuteranomaly

76.8211, 77.0354, 71.7932

Tritanomaly

76.6669, 77.0776, 84.2355

Monochromacy



Original Color

73.9649, 77.1733, 71.3192

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 73.9649, 77.1733, 71.3192 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, 209) looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 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(238, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.9649, 77.1733, 71.3192 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, 209) }
```


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

```
.border{ border-color:rgb(238, 226, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9649, 77.1733, 71.3192 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, 209) }
```

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

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