

Converting Colors

XYZ(74.2376, 77.7188, 71.4101)

Have a look what the booklet for
XYZ(74.2376, 77.7188, 71.4101)
contains.

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Color

**XYZ(74.2376, 77.7188,
71.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE3D1
RGB	238, 227, 209
RGB Percent	93%, 89%, 82%
CMY	0.0667, 0.1098, 0.1804
CMYK	0.00, 0.05, 0.12, 0.07
HSL	37°, 46%, 88%
HSV	37°, 12%, 93%
XYZ	74.2376, 77.7188, 71.4101
YIQ	228.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

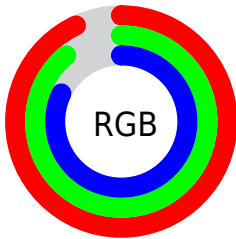
Format	Color
R _Y B	227, 238, 209
Decimal	15655889
CIE Lab	90.65, 0.76, 10.12
CIE LCh	91, 10.145, 85.689
Yxy	77.7188, 0.3324, 0.3479
Android (android.graphics.Color)	4293845969 (0xFFEEE3D1)
YUV	228.2370, -9.4838, 8.5622
Hunter-Lab	88.1583, -3.9631, 13.6846

Details

The XYZ color **74.2376, 77.7188, 71.4101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3201, 70.9133, 91.0291**, and the grayscale version is **73.9790, 77.8317, 84.7587**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9603, 41.8167, 36.9756** is the 20% darker color. If you saturate the color by 10%, you get **69.1052, 71.8222, 56.2315**, and if you desaturate by 10%, it is **79.9438, 84.0571, 88.9536**.

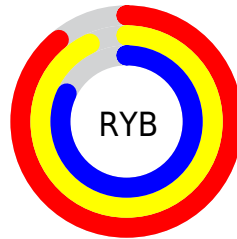
Distribution



Red (93%)

Green (89%)

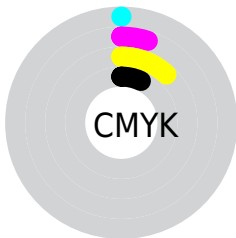
Blue (82%)



Red (89%)

Yellow (93%)

Blue (82%)

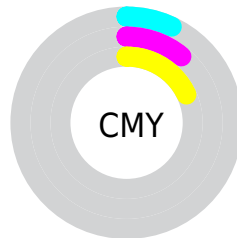


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2376, 77.7188, 71.4101 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 74.2376, 77.7188, 71.4101 by changing the saturation by 10% instead.

■ 74.2376, 77.7188,
71.4101

■ 74.2376, 77.7188,
71.4101

464.3307,
487.2113, 484.4080

■ 55.2805, 57.8430,
52.1930

124.2263,
130.1536, 122.9174

■ 39.8611, 41.6825,
36.7757

155.9885,
163.4815, 156.0447

■ 27.6140, 28.8527,
24.7394

192.7499,
202.0621, 194.6458

■ 18.1738, 18.9694,
15.6658

234.8757,
246.2800, 239.1394

■ 11.1753, 11.6482,
9.1362

282.7313,
296.5194, 289.9438

■ 6.2530, 6.5046,
4.7321

336.6821,

■ 3.0417, 3.1543,

353.1649, 347.4777

2.0350

397.0935,
416.6007, 412.1596

■ 1.1758, 1.2128,
0.5767

■ 0.0872, 0.0721,
0.0000

■ 74.2376, 77.7188,
71.4101

■ 74.2376, 77.7188,
71.4101

■ 69.1052, 71.8222,
56.2315

■ 79.9438, 84.0571,
88.9536

■ 64.5189, 66.3452,
43.3096

■ 85.9787, 90.7344,
107.5897

■ 60.4580, 61.2790,
32.5353

■ 88.7765, 96.3299,
108.5222

■ 56.8975, 56.6104,
23.7885

■ 89.0702, 96.9173,
108.6201

■ 53.8106, 52.3252,
16.9368

■ 51.1669, 48.4078,
11.8323

■ 48.9321, 44.8409,
8.3045

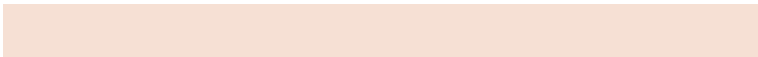
■ 47.0651, 41.6044,
6.1482

■ 45.8130, 39.2830,
5.1678

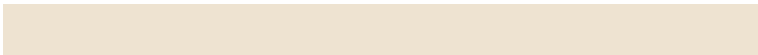
Harmonies

Analogous

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



76.6606, 77.7188, 73.5726



74.2376, 77.7188, 71.4101



71.7696, 77.7188, 72.6177

Triad

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



74.2376, 77.7188, 71.4101



69.5492, 77.7188, 90.8406



77.9831, 77.7188, 92.7658

Complementary

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



74.2376, 77.7188, 71.4101



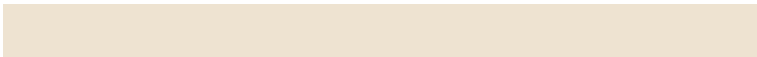
67.3201, 70.9133, 91.0291

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.



76.0098, 77.7188, 97.8825



74.2376, 77.7188, 71.4101



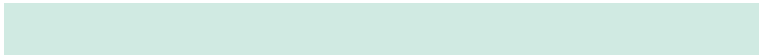
71.1468, 77.7188, 96.7270

Square

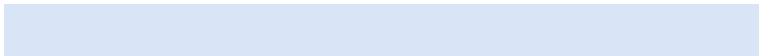
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



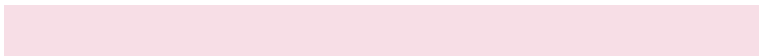
74.2376, 77.7188, 71.4101



69.0991, 77.7188, 83.5741



73.5024, 77.7188, 99.3718



78.8543, 77.7188, 85.6797

Rectangle

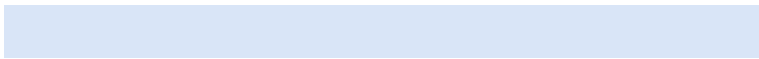
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2376, 77.7188, 71.4101



70.4248, 77.7188, 75.2107



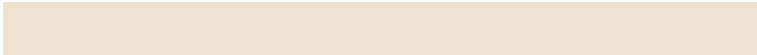
73.5024, 77.7188, 99.3718



77.4245, 77.7188, 94.7886

Sweetspot

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



74.2397, 77.7222, 71.4118



92.2296, 96.9177, 100.0722



70.9950, 68.9526, 77.3595



19.6300, 20.6223, 21.0753



0.0000, 0.0000, 0.0000



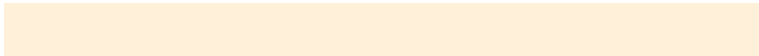
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2397, 77.7222, 71.4118



85.0387, 88.8703, 78.1469



76.2184, 83.3502, 72.3938



16.5902, 17.3935, 16.6326



25.6875, 22.1731, 2.9259



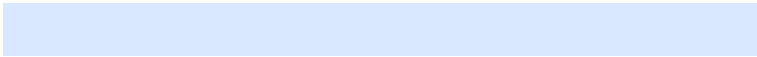
2.2325, 2.0357, 0.2753

Inverse Universe

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



67.3201, 70.9133, 91.0291



75.2376, 79.2266, 105.9346



65.4961, 65.8292, 90.1439



15.3884, 16.2109, 20.0396



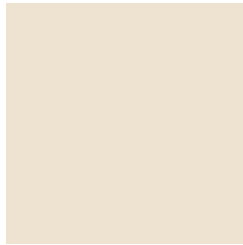
10.7758, 7.7758, 46.0608



0.9894, 0.8328, 3.8628

Previews

White Background



This preview shows how the XYZ color 74.2376, 77.7188, 71.4101 looks on a white background.

Color Contrast Check

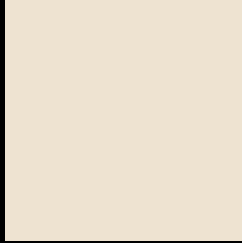
Large Text (above 18pt) WCAG AA × Fail

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 74.2376, 77.7188, 71.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

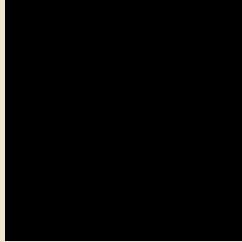
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

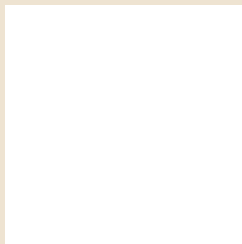
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2376, 77.7188, 71.4101

Background



This preview shows how black text looks on a background with the XYZ color 74.2376, 77.7188, 71.4101.

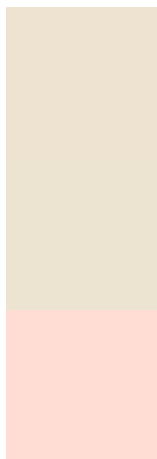


This preview shows how white text looks on a background with the XYZ color 74.2376, 77.7188,

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

74.2376, 77.7188, 71.4101

Protanopia

73.9028, 77.5461, 71.3944

Deuteranopia

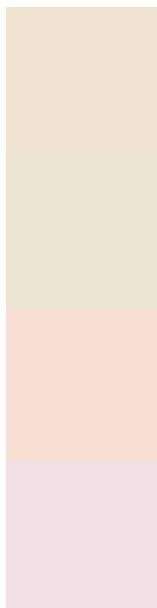
78.9801, 77.7264, 73.1273



Tritanopia

78.4674, 77.4111, 93.2442

Trichromacy



Original Color

74.2376, 77.7188, 71.4101

Protanomaly

73.9028, 77.5461, 71.3944

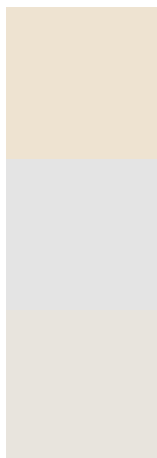
Deuteranomaly

77.2125, 77.6182, 72.5403

Tritanomaly

77.0741, 77.6692, 85.0582

Monochromacy



Original Color

74.2376, 77.7188, 71.4101

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0733, 77.8631, 79.5316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2376, 77.7188, 71.4101 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, 227, 209) looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 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, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.2376, 77.7188, 71.4101 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, 227, 209) }
```


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

```
.border{ border-color:rgb(238, 227, 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, 227, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2376, 77.7188, 71.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 209) }
```

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

```
.background{ background-color: rgb(238,  
227, 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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