

Converting Colors

XYZ(72.2464, 77.6400, 70.8536)

Have a look what the booklet for
XYZ(72.2464, 77.6400, 70.8536)
contains.

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Color

**XYZ(72.0376, 77.4157,
70.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E5D0
RGB	230, 229, 208
RGB Percent	90%, 90%, 82%
CMY	0.0980, 0.1019, 0.1843
CMYK	0.00, 0.00, 0.10, 0.10
HSL	57°, 31%, 86%
HSV	57°, 10%, 90%
XYZ	72.0376, 77.4157, 70.8204
YIQ	226.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

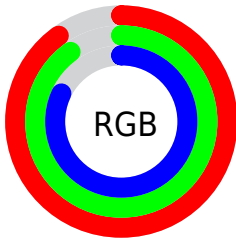
Format	Color
R_{YB}	209, 230, 208
Decimal	15132112
CIE _{Lab}	90.51, -3.23, 10.36
CIE _{LCh}	91, 10.850, 107.338
Yxy	77.4157, 0.3270, 0.3515
Android (android.graphics.Color)	4293322192 (0xFFE6E5D0)
YUV	226.9050, -9.3202, 2.7143
Hunter-Lab	87.9862, -7.8312, 13.8676

Details

The XYZ color **72.0376, 77.4157, 70.8204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0957, 64.7228, 84.0309**, and the grayscale version is **73.0083, 76.8104, 83.6465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4243, 41.6039, 36.5770** is the 20% darker color. If you saturate the color by 10%, you get **69.1244, 75.7936, 56.8862**, and if you desaturate by 10%, it is **75.3672, 79.2122, 86.9198**.

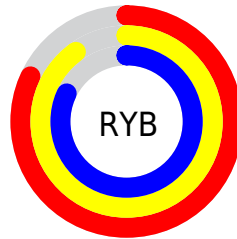
Distribution



Red (90%)

Green (90%)

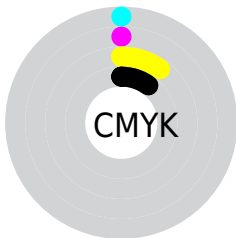
Blue (82%)



Red (82%)

Yellow (90%)

Blue (82%)

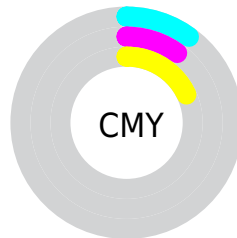


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0376, 77.4157, 70.8204 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 72.0376, 77.4157, 70.8204 by changing the saturation by 10% instead.

■ 72.0376, 77.4157,
70.8204

■ 72.0376, 77.4157,
70.8204

456.8281,
486.1802, 482.2921

■ 53.4750, 57.5941,
51.7147

121.1205,
129.7261, 122.0700

■ 38.4111, 41.4824,
36.3971

152.3715,
162.9837, 155.0510

■ 26.4805, 28.6962,
24.4489

188.5826,
201.4888, 193.4943

■ 17.3180, 18.8512,
15.4517

230.1192,
245.6258, 237.8182

■ 10.5582, 11.5628,
8.9869

277.3468,
295.7790, 288.4414

■ 5.8357, 6.4467,
4.6359

330.6305,

■ 2.7851, 3.1186,

352.3329, 345.7824

1.9803

390.3358,
415.6718, 410.2598

■ 1.0412, 1.1939,
0.5431

■ 0.0000, 0.0567,
0.0000

■ 72.0376, 77.4157,
70.8204

■ 72.0376, 77.4157,
70.8204

■ 69.1244, 75.7936,
56.8862

■ 75.3672, 79.2122,
86.9198

■ 66.6036, 74.3287,
45.0196


■ 79.1234, 81.1795,
105.2665

■ 64.4586, 73.0169,
35.1230


■ 79.5760, 81.8282,
106.2081


■ 62.6688, 71.8499,
27.0888


■ 79.8700, 82.4162,
106.3061


 61.2120, 70.8188,
20.7994

 80.1657, 83.0077,
106.4046


 60.0631, 69.9137,
16.1236


 80.4632, 83.6027,
106.5038


 59.1939, 69.1232,
12.9117

 80.7624, 84.2011,
106.6035

 58.5706, 68.4337,
10.9862

 81.0634, 84.8031,
106.7039

 58.1378, 67.8232,
10.0557

 81.3661, 85.4085,
106.8048

Harmonies

Analogous

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



74.7307, 77.4157, 70.5398



72.0376, 77.4157, 70.8204



69.8114, 77.4157, 74.5680

Triad

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



72.0376, 77.4157, 70.8204



70.1024, 77.4157, 95.7632



78.7894, 77.4157, 87.6100

Complementary

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



72.0376, 77.4157, 70.8204



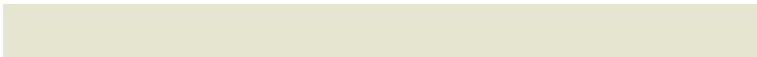
63.0957, 64.7228, 84.0309

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.



77.4845, 77.4157, 94.8278



72.0376, 77.4157, 70.8204



72.4437, 77.4157, 99.7258

Square

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



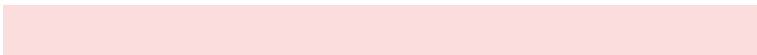
72.0376, 77.4157, 70.8204



68.7132, 77.4157, 88.8237



75.1469, 77.4157, 99.3732



78.6741, 77.4157, 79.9181

Rectangle

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



72.0376, 77.4157, 70.8204



68.8716, 77.4157, 78.6663



75.1469, 77.4157, 99.3732



78.5010, 77.4157, 90.1809

Sweetspot

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



72.0397, 77.4191, 70.8221



93.7323, 99.2964, 102.5050



66.7110, 66.5442, 69.7159



19.9889, 21.2140, 21.5837



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

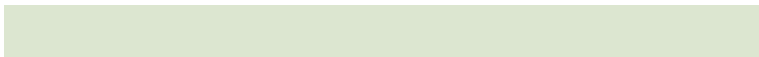
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0397, 77.4191, 70.8221



90.4547, 97.5163, 86.6919



69.2283, 76.3798, 70.7696



15.5428, 16.6995, 15.3086



32.9294, 38.4330, 5.6827



2.4507, 2.8748, 0.4257

Inverse Universe

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



63.0957, 64.7228, 84.0309



77.5165, 79.1502, 105.7997



65.7233, 65.7160, 84.0841



13.6349, 13.9912, 18.1263



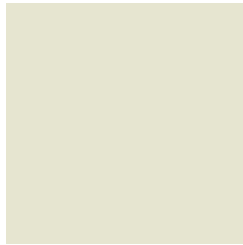
8.1738, 3.4098, 42.6105



0.6226, 0.2891, 3.1550

Previews

White Background



This preview shows how the XYZ color 72.0376, 77.4157, 70.8204 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 72.0376, 77.4157, 70.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

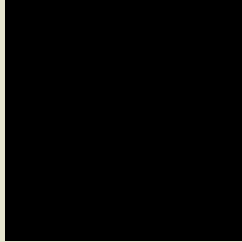
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

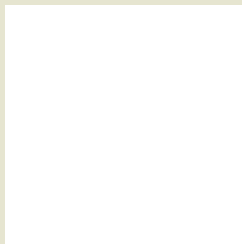
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0376, 77.4157, 70.8204

Background



This preview shows how black text looks on a background with the XYZ color 72.0376, 77.4157, 70.8204.



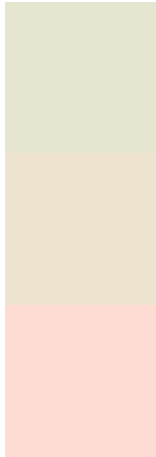
This preview shows how white text looks on a background with the XYZ color 72.0376, 77.4157,

70.8204.

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

72.0376, 77.4157, 70.8204

Protanopia

73.6566, 77.4477, 70.0983

Deuteranopia

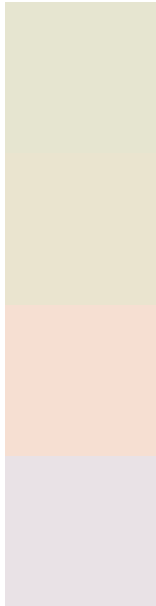
78.5911, 77.1495, 72.3772



Tritanopia

76.9436, 77.3843, 94.8857

Trichromacy



Original Color

72.0376, 77.4157, 70.8204

Protanomaly

72.9376, 77.4842, 70.1432

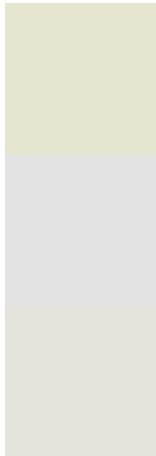
Deuteranomaly

76.0266, 77.0213, 71.8323

Tritanomaly

75.0836, 77.4295, 85.8510

Monochromacy



Original Color

72.0376, 77.4157, 70.8204

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.6566, 77.1481, 78.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0376, 77.4157, 70.8204 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(230, 229, 208) looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 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(230, 229, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 208) }
```

Border

The CSS property to change the border of an element to XYZ 72.0376, 77.4157, 70.8204 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(230, 229, 208) }
```


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

```
.border{ border-color:rgb(230, 229, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 229, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 208);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0376, 77.4157, 70.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 208) }
```

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

```
.background{ background-color: rgb(230,  
229, 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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