

Converting Colors

XYZ(72.1440, 77.6083, 64.6036)

Have a look what the booklet for
XYZ(72.1440, 77.6083, 64.6036)
contains.

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Color

**XYZ(72.1440, 77.6083,
64.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5C6
RGB	234, 229, 198
RGB Percent	92%, 90%, 78%
CMY	0.0824, 0.1019, 0.2235
CMYK	0.00, 0.02, 0.15, 0.08
HSL	52°, 46%, 85%
HSV	52°, 15%, 92%
XYZ	72.1440, 77.6083, 64.6036
YIQ	226.9610, 12.9310, -8.5810

Conversions

Conversions Part 2

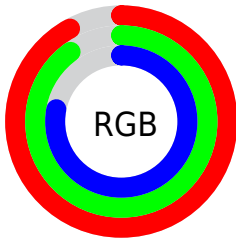
Format	Color
RYB	204, 234, 198
Decimal	15394246
CIELab	90.60, -3.39, 15.74
CIElCh	91, 16.096, 102.156
Yxy	77.6083, 0.3366, 0.3621
Android (android.graphics.Color)	4293584326 (0xFFEAE5C6)
YUV	226.9610, -14.2778, 6.1732
Hunter-Lab	88.0956, -7.9885, 18.1874

Details

The XYZ color **72.1440, 77.6083, 64.6036** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.4957, 60.6568, 86.4145**, and the grayscale version is **73.0810, 76.8869, 83.7299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5302, 41.7507, 32.4135** is the 20% darker color. If you saturate the color by 10%, you get **68.7616, 74.8339, 51.1730**, and if you desaturate by 10%, it is **75.9644, 80.5899, 80.2394**.

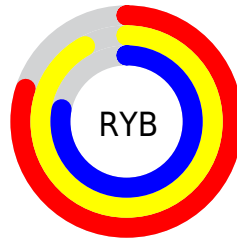
Distribution



Red (92%)

Green (90%)

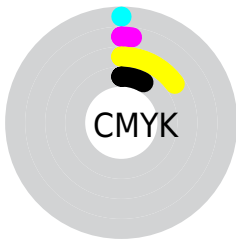
Blue (78%)



Red (80%)

Yellow (92%)

Blue (78%)

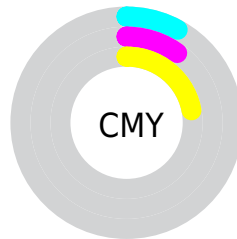


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (10%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1440, 77.6083, 64.6036 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 72.1440, 77.6083, 64.6036 by changing the saturation by 10% instead.

72.1440, 77.6083,
64.6036

72.1440, 77.6083,
64.6036

457.1925,
486.8355, 459.6333

53.5622, 57.7523,
46.6904

121.2709,
129.9978, 113.0876

38.4810, 41.6095,
32.4384

152.5468,
163.3001, 144.4955

26.5352, 28.7957,
21.4290

188.7847,
201.8532, 181.2387

17.3592, 18.9263,
13.2436

230.3500,
246.0416, 223.7357

10.5878, 11.6170,
7.4638

277.6081,
296.2496, 272.4052

5.8556, 6.4835,
3.6710

330.9243,

2.7973, 3.1412,

352.8617, 327.6655

1.4467

390.6640,
416.2622, 389.9354

■ 1.0475, 1.2059,
0.1777

■ 0.0000, 0.0665,
0.0000

■ 72.1440, 77.6083,
64.6036

■ 72.1440, 77.6083,
64.6036

■ 68.7616, 74.8339,
51.1730

■ 75.9644, 80.5899,
80.2394

■ 65.7918, 72.2488,
39.8419

■ 80.2345, 83.7759,
98.1693

■ 63.2161, 69.8478,
30.5038

■ 82.7740, 86.2968,
106.9020

■ 61.0119, 67.6219,
23.0406

■ 83.7317, 88.2123,
107.2213

■ 59.1543, 65.5609,
17.3217

■ 84.7066, 90.1621,
107.5462

■ 57.6153, 63.6535,
13.1998

■ 85.6988, 92.1463,
107.8770

■ 56.3622, 61.8865,
10.5033

■ 86.7083, 94.1653,
108.2134

■ 55.3549, 60.2437,
9.0213

■ 87.7351, 96.2191,
108.5557

■ 54.9433, 59.5154,
8.5918

■ 87.7419, 96.2325,
108.5580

Harmonies

Analogous

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



76.1654, 77.6083, 65.0816



72.1440, 77.6083, 64.6036



68.6829, 77.6083, 69.0891

Triad

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



72.1440, 77.6083, 64.6036



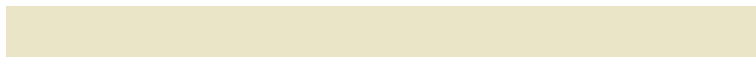
68.1655, 77.6083, 100.2958



81.3924, 77.6083, 91.4897

Complementary

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



72.1440, 77.6083, 64.6036



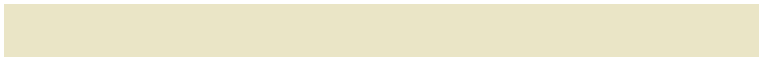
59.4957, 60.6568, 86.4145

Split Complementary

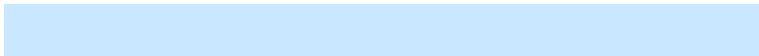
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0905, 77.6083, 102.0524



72.1440, 77.6083, 64.6036



71.4143, 77.6083, 107.4465

Square

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



72.1440, 77.6083, 64.6036



66.4426, 77.6083, 89.2640



75.4088, 77.6083, 108.1172



81.6052, 77.6083, 79.9129

Rectangle

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



72.1440, 77.6083, 64.6036



67.1199, 77.6083, 74.5510



75.4088, 77.6083, 108.1172



80.8335, 77.6083, 95.3019

Sweetspot

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



72.1461, 77.6117, 64.6053



92.5029, 98.0823, 98.2578



64.9538, 62.2125, 65.3360



19.7252, 20.9371, 20.7232



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.



72.1461, 77.6117, 64.6053



86.5229, 93.3923, 73.8528



69.5573, 78.3584, 64.8858



16.1634, 17.2498, 15.9964



30.9446, 33.5834, 4.8513



2.4790, 2.7353, 0.3973

Inverse Universe

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



59.4957, 60.6568, 86.4145



68.7927, 69.6297, 104.4218



61.7958, 60.1196, 86.1896



14.3997, 14.8859, 19.0366



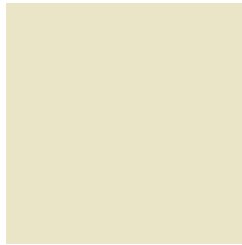
8.6958, 4.0386, 44.0642



0.7360, 0.4234, 3.4778

Previews

White Background



This preview shows how the XYZ color 72.1440, 77.6083, 64.6036 looks on a white background.

Color Contrast Check

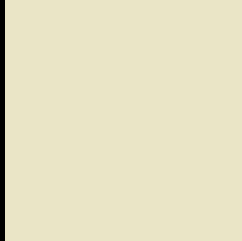
Large Text (above 18pt) WCAG AA × Fail

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 72.1440, 77.6083, 64.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

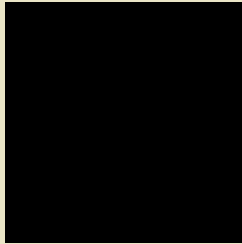
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

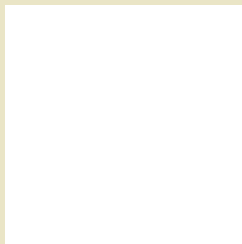
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1440, 77.6083, 64.6036

Background



This preview shows how black text looks on a background with the XYZ color 72.1440, 77.6083, 64.6036.



This preview shows how white text looks on a background with the XYZ color 72.1440, 77.6083,

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

72.1440, 77.6083, 64.6036

Protanopia

73.1437, 77.3201, 63.8925

Deuteranopia

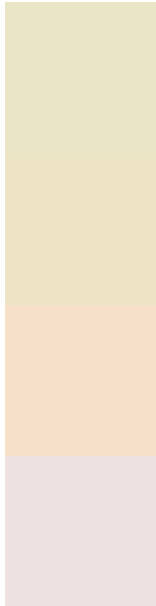
78.1159, 77.3807, 68.5764



Tritanopia

78.0510, 77.5919, 93.3011

Trichromacy



Original Color

72.1440, 77.6083, 64.6036

Protanomaly

72.7465, 77.5225, 63.9525

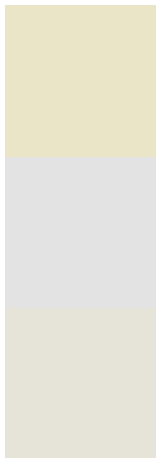
Deuteranomaly

75.6741, 77.3497, 66.8187

Tritanomaly

75.7757, 77.4638, 82.1924

Monochromacy



Original Color

72.1440, 77.6083, 64.6036

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7712, 77.2677, 76.0444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1440, 77.6083, 64.6036 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(234, 229, 198)` looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 198)  
}
```

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(234, 229, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 198) }
```

Border

The CSS property to change the border of an element to XYZ 72.1440, 77.6083, 64.6036 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(234, 229, 198) }
```


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

```
.border{ border-color:rgb(234, 229, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 198);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1440, 77.6083, 64.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 198) }
```

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

```
.background{ background-color: rgb(234,  
229, 198) }
```

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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