

Converting Colors

XYZ(73.8344, 76.9901, 72.6640)

Have a look what the booklet for
XYZ(73.8344, 76.9901, 72.6640)
contains.

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Color

**XYZ(73.8793, 77.1004,
72.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE2D3
RGB	237, 226, 211
RGB Percent	93%, 89%, 83%
CMY	0.0706, 0.1137, 0.1725
CMYK	0.00, 0.05, 0.11, 0.07
HSL	35°, 42%, 88%
HSV	35°, 11%, 93%
XYZ	73.8793, 77.1004, 72.6160
YIQ	227.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

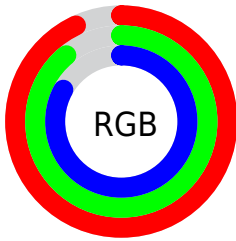
Format	Color
RYB	230, 237, 211
Decimal	15590099
CIELab	90.37, 1.24, 8.65
CIELCh	90, 8.744, 81.827
Yxy	77.1004, 0.3304, 0.3448
Android (android.graphics.Color)	4293780179 (0xFFEDE2D3)
YUV	227.5790, -8.1734, 8.2622
Hunter-Lab	87.8068, -3.4748, 12.4321

Details

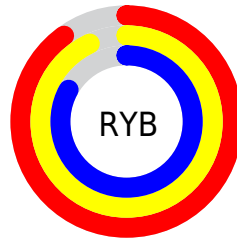
The XYZ color **73.8793, 77.1004, 72.6160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2711, 72.2045, 90.4602**, and the grayscale version is **73.4891, 77.3162, 84.1974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6197, 41.3499, 37.3456** is the 20% darker color. If you saturate the color by 10%, you get **68.4789, 70.7085, 57.2220**, and if you desaturate by 10%, it is **79.8814, 83.9931, 90.3736**.

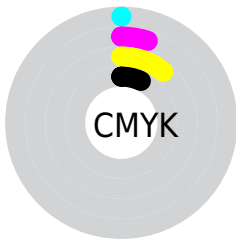
Distribution



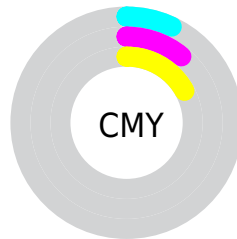
- Red (93%)
- Green (89%)
- Blue (83%)



- Red (90%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8793, 77.1004, 72.6160 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 73.8793, 77.1004, 72.6160 by changing the saturation by 10% instead.

73.8793, 77.1004,
72.6160

73.8793, 77.1004,
72.6160

463.1134,
485.1063, 488.7179

54.9862, 57.3353,
53.1721

123.7211,
129.2812, 124.6478

39.6245, 41.2745,
37.5515

155.4005,
162.4657, 158.0728

27.4288, 28.5336,
25.3357

192.0727,
200.8920, 196.9952

18.0338, 18.7283,
16.1060

234.1031,
244.9447, 241.8336

11.0741, 11.4741,
9.4440

281.8570,
295.0081, 293.0065

6.1843, 6.3867,
4.9312

335.6998,

2.9992, 3.0816,

351.4665, 350.9325

2.1489

395.9968,
414.7045, 416.0301

■ 1.1533, 1.1745,
0.6447

■ 0.0690, 0.0407,
0.0000

■ 73.8793, 77.1004,
72.6160

■ 73.8793, 77.1004,
72.6160

■ 68.4789, 70.7085,
57.2220

■ 79.8814, 83.9931,
90.3736

■ 63.6520, 64.7940,
44.0852

■ 85.9469, 91.1676,
107.6750

■ 59.3775, 59.3467,
33.0983

■ 88.7354, 96.7447,
108.6045

■ 55.6303, 54.3520,
24.1434

■ 52.3832, 49.7943,
17.0908

■ 49.6057, 45.6565,
11.7960

■ 47.2636, 41.9200,
8.0931

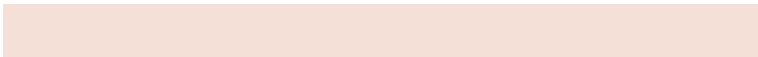
■ 45.3161, 38.5635,
5.7842

■ 43.8387, 35.8313,
4.6056

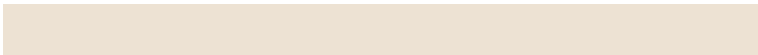
Harmonies

Analogous

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



75.9035, 77.1004, 74.8592



73.8793, 77.1004, 72.6160



71.7338, 77.1004, 73.2888

Triad

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



73.8793, 77.1004, 72.6160



69.4581, 77.1004, 88.4931



76.6273, 77.1004, 91.5911

Complementary

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



73.8793, 77.1004, 72.6160



68.2711, 72.2045, 90.4602

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.



74.8515, 77.1004, 95.5964



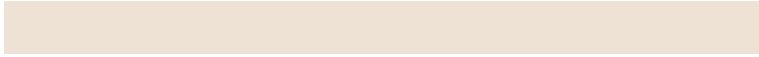
73.8793, 77.1004, 72.6160



70.7208, 77.1004, 93.7469

Square

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



73.8793, 77.1004, 72.6160



69.2095, 77.1004, 82.2537



72.6872, 77.1004, 96.4042



77.5105, 77.1004, 85.6679

Rectangle

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



73.8793, 77.1004, 72.6160



70.5211, 77.1004, 75.3159



72.6872, 77.1004, 96.4042



76.1133, 77.1004, 93.2183

Sweetspot

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



73.8814, 77.1038, 72.6177



92.8192, 97.4702, 102.2007



71.4409, 69.8824, 79.0191



19.7419, 20.7199, 21.5014



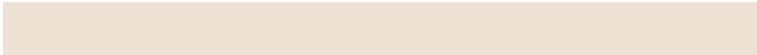
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.8814, 77.1038, 72.6177



85.8543, 89.4250, 81.7376



76.3920, 82.9800, 73.6196



15.7874, 16.4978, 15.8710



24.0669, 19.8279, 2.5587



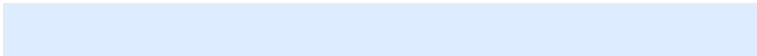
1.9847, 1.7468, 0.2326

Inverse Universe

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



68.2711, 72.2045, 90.4602



78.0861, 82.6416, 106.4436



65.9446, 66.8104, 89.5416



14.7548, 15.5960, 19.1549



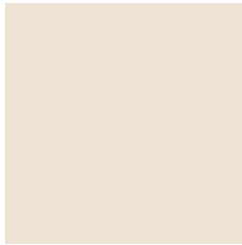
10.9693, 8.5856, 44.8220



0.9548, 0.8610, 3.5507

Previews

White Background



This preview shows how the XYZ color 73.8793, 77.1004, 72.6160 looks on a white background.

Color Contrast Check

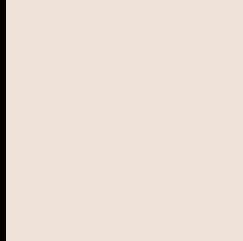
Large Text (above 18pt) WCAG AA × Fail

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 73.8793, 77.1004, 72.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

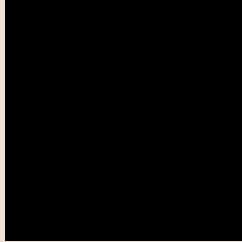
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

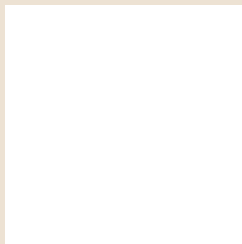
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8793, 77.1004, 72.6160

Background



This preview shows how black text looks on a background with the XYZ color 73.8793, 77.1004, 72.6160.



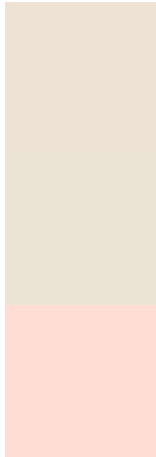
This preview shows how white text looks on a background with the XYZ color 73.8793, 77.1004,

72.6160.

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

73.8793, 77.1004, 72.6160

Protanopia

73.4879, 77.3035, 72.6759

Deuteranopia

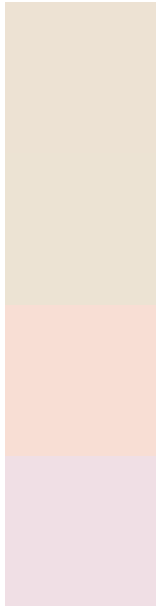
78.7169, 77.1999, 73.0396



Tritanopia

77.9769, 77.1753, 92.4479

Trichromacy



Original Color

73.8793, 77.1004, 72.6160

Protanomaly

73.8190, 77.4742, 72.6913

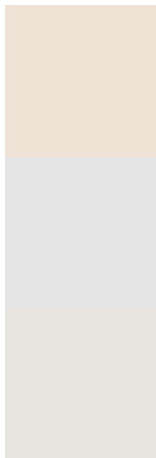
Deuteranomaly

76.7163, 76.9525, 73.0973

Tritanomaly

76.4657, 76.9578, 84.9529

Monochromacy



Original Color

73.8793, 77.1004, 72.6160

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6089, 77.2010, 80.1289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8793, 77.1004, 72.6160 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(237, 226, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 211)  
}
```

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(237, 226, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 211) }
```

Border

The CSS property to change the border of an element to XYZ 73.8793, 77.1004, 72.6160 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(237, 226, 211) }
```


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

```
.border{ border-color:rgb(237, 226, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8793, 77.1004, 72.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 211) }
```

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

```
.background{ background-color: rgb(237,  
226, 211) }
```

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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