

Converting Colors

XYZ(76.2712, 80.3837, 73.1248)

Have a look what the booklet for
XYZ(76.2712, 80.3837, 73.1248)
contains.

XYZ(76.2690, 80.3802, 73.1231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2690, 80.3802,
73.1231)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E7D3
RGB	240, 231, 211
RGB Percent	94%, 91%, 83%
CMY	0.0588, 0.0941, 0.1725
CMYK	0.00, 0.04, 0.12, 0.06
HSL	41°, 49%, 88%
HSV	41°, 12%, 94%
XYZ	76.2690, 80.3802, 73.1231
YIQ	231.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

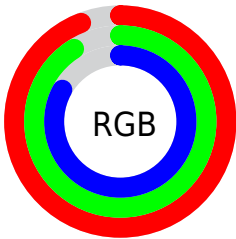
Format	Color
R_{YB}	224, 240, 211
Decimal	15787987
CIE _{Lab}	91.86, -0.26, 10.81
CIE _{LCh}	92, 10.817, 91.397
Yxy	80.3802, 0.3319, 0.3498
Android (android.graphics.Color)	4293978067 (0xFFFF0E7D3)
YUV	231.4110, -10.0626, 7.5326
Hunter-Lab	89.6550, -5.0473, 14.4013

Details

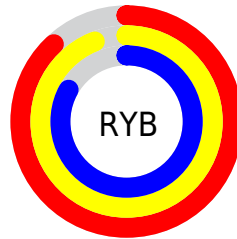
The XYZ color **76.2690, 80.3802, 73.1231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.1853, 71.3254, 92.6124**, and the grayscale version is **76.3302, 80.3053, 87.4524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0979, 43.2506, 37.6346** is the 20% darker color. If you saturate the color by 10%, you get **71.4432, 75.1890, 57.7621**, and if you desaturate by 10%, it is **81.6371, 85.9354, 90.8831**.

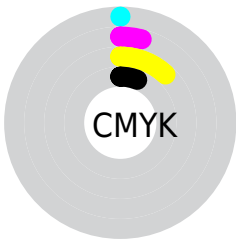
Distribution



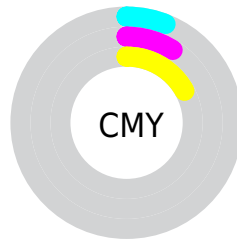
- Red (94%)
- Green (91%)
- Blue (83%)



- Red (88%)
- Yellow (94%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2690, 80.3802, 73.1231 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 76.2690, 80.3802, 73.1231 by changing the saturation by 10% instead.

76.2690, 80.3802,
73.1231

76.2690, 80.3802,
73.1231

471.1983,
496.2132, 490.5236

56.9509, 60.0313,
53.5842

127.0854,
133.9001, 125.3745

41.2058, 43.4438,
37.8784

159.3145,
167.8399, 158.9240

28.6683, 30.2335,
25.5872

196.5779,
207.0788, 197.9809

18.9731, 20.0159,
16.2921

239.2411,
252.0012, 242.9636

11.7547, 12.4066,
9.5745

287.6694,
302.9914, 294.2907

6.6479, 7.0212,
5.0159

342.2281,

3.2872, 3.4754,

360.4339, 352.3807

2.1977

403.2826,
424.7130, 417.6521

■ 1.3074, 1.3847,
0.6730

■ 0.1888, 0.2054,
0.0000

■ 76.2690, 80.3802,
73.1231

■ 76.2690, 80.3802,
73.1231

■ 71.4432, 75.1890,
57.7621

■ 81.6371, 85.9354,
90.8831

■ 67.1323, 70.3412,
44.6900

■ 86.9095, 91.5932,
107.7064

■ 63.3159, 65.8296,
33.7959

■ 89.2182, 96.2108,
108.4760

■ 59.9698, 61.6425,
24.9575

■ 89.7456, 97.2655,
108.6518

■ 57.0673, 57.7675,
18.0403

■ 54.5788, 54.1909,
12.8936

■ 52.4703, 50.8972,
9.3442

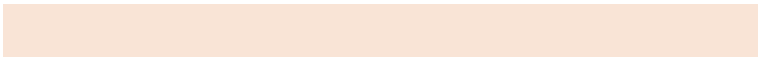
■ 50.7008, 47.8679,
7.1833

■ 49.4909, 45.6361,
6.2002

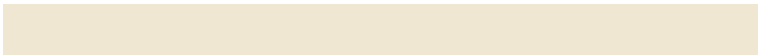
Harmonies

Analogous

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



78.9804, 80.3802, 74.7849



76.2690, 80.3802, 73.1231



73.6543, 80.3802, 75.1207

Triad

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



76.2690, 80.3802, 73.1231



71.9369, 80.3802, 95.7204



81.1772, 80.3802, 95.0373

Complementary

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



76.2690, 80.3802, 73.1231



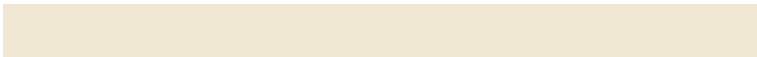
68.1853, 71.3254, 92.6124

Split Complementary

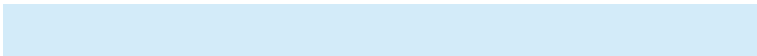
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2110, 80.3802, 101.2145



76.2690, 80.3802, 73.1231



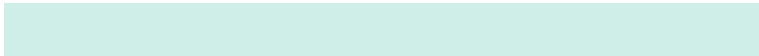
73.8744, 80.3802, 101.6254

Square

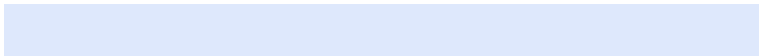
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2690, 80.3802, 73.1231



71.1909, 80.3802, 87.8933



76.5291, 80.3802, 103.6933



81.8550, 80.3802, 87.1485

Rectangle

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



76.2690, 80.3802, 73.1231



72.3068, 80.3802, 78.3333



76.5291, 80.3802, 103.6933



80.6427, 80.3802, 97.3991

Sweetspot

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



76.2712, 80.3837, 73.1248



92.4498, 97.3582, 100.1456



72.1730, 70.2920, 77.6024



19.6859, 20.7339, 21.0939



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.



76.2712, 80.3837, 73.1248



86.3942, 91.0472, 80.2455



77.0754, 84.6326, 73.9026



16.6852, 17.5835, 16.6643



27.2155, 25.2291, 3.4353



2.3521, 2.2749, 0.3151

Inverse Universe

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



68.1853, 71.3254, 92.6124



75.7548, 79.1286, 105.8884



67.4361, 67.5282, 91.9190



15.2972, 16.0286, 20.0092



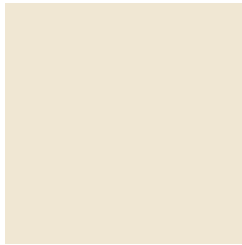
10.0706, 6.3654, 45.8257



0.9230, 0.7000, 3.8407

Previews

White Background



This preview shows how the XYZ color 76.2690, 80.3802, 73.1231 looks on a white background.

Color Contrast Check

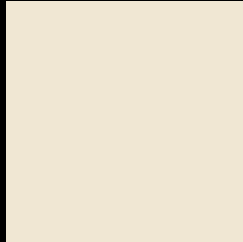
Large Text (above 18pt) WCAG AA × Fail

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 76.2690, 80.3802, 73.1231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

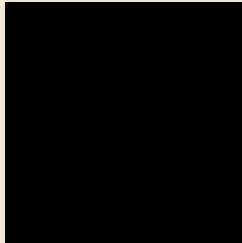
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2690, 80.3802, 73.1231

Background



This preview shows how black text looks on a background with the XYZ color 76.2690, 80.3802, 73.1231.



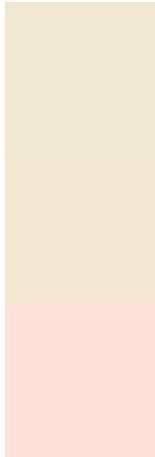
This preview shows how white text looks on a background with the XYZ color 76.2690, 80.3802,

73.1231.

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

76.2690, 80.3802, 73.1231

Protanopia

76.6094, 80.5557, 73.1391

Deuteranopia

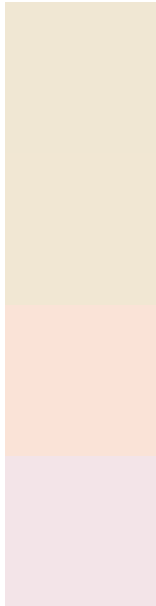
80.6896, 80.1202, 76.8576



Tritanopia

81.1817, 80.3368, 96.8158

Trichromacy



Original Color

76.2690, 80.3802, 73.1231

Protanomaly

76.6094, 80.5557, 73.1391

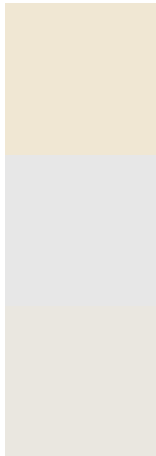
Deuteranomaly

79.1592, 80.1685, 75.5919

Tritanomaly

79.2710, 80.3677, 87.6784

Monochromacy



Original Color

76.2690, 80.3802, 73.1231

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9621, 80.0261, 81.9640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2690, 80.3802, 73.1231 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(240, 231, 211) looks like.

```
.text, #text, p{  
    color:rgb(240, 231, 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(240, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 231, 211) }
```

Border

The CSS property to change the border of an element to XYZ 76.2690, 80.3802, 73.1231 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(240, 231, 211) }
```


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

```
.border{ border-color:rgb(240, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 231,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2690, 80.3802, 73.1231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 231, 211) }
```

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

```
.background{ background-color: rgb(240,  
231, 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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